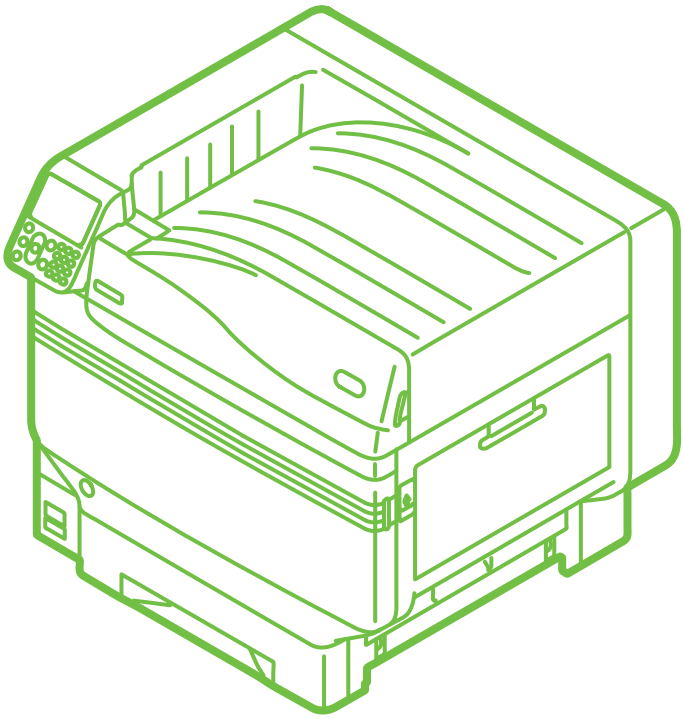
OKI

User's Manual

Separate Volume Spot Color Guide



C941dn
ES9541dn

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Setting the Spot Color kit

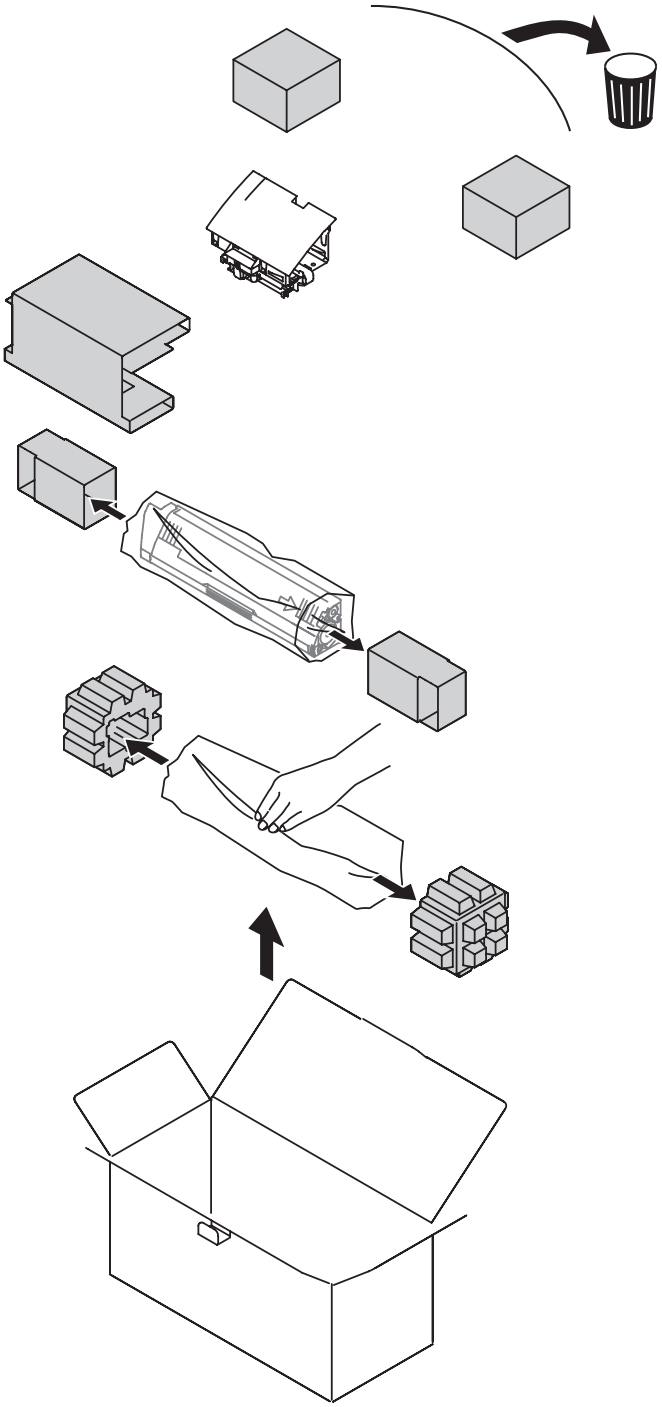
This section explains how to set the Spot Color kit.

First "mount the consumables" as described in "Basic" before setting the Spot Color kit.

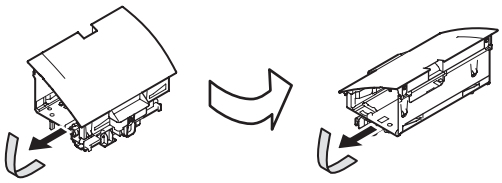
1 Open the package, and remove the duct, toner, and image drum.

Note

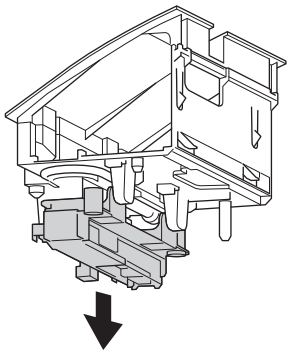
- Do not remove the toner or image drum from their packages.



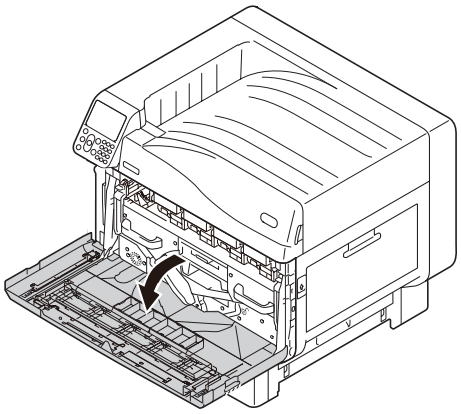
2 Remove the duct protective tape (x2 locations).



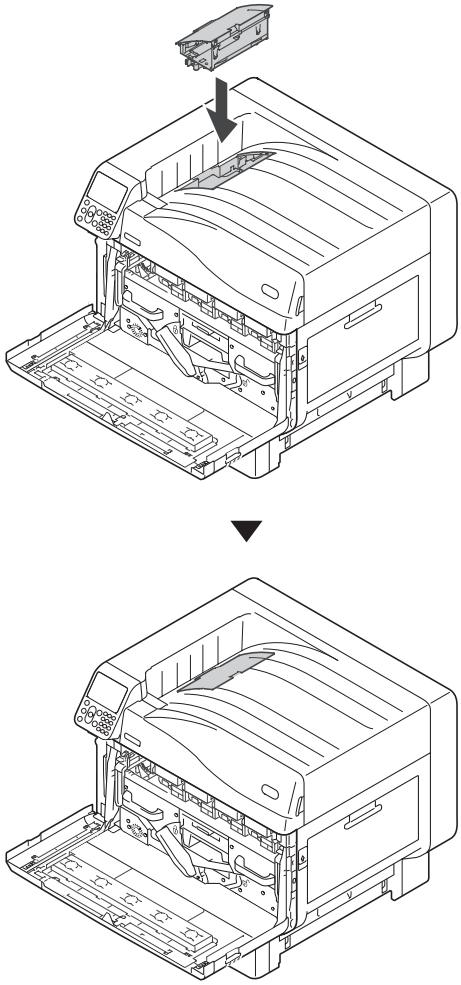
3 Pull out the bottom of the duct.



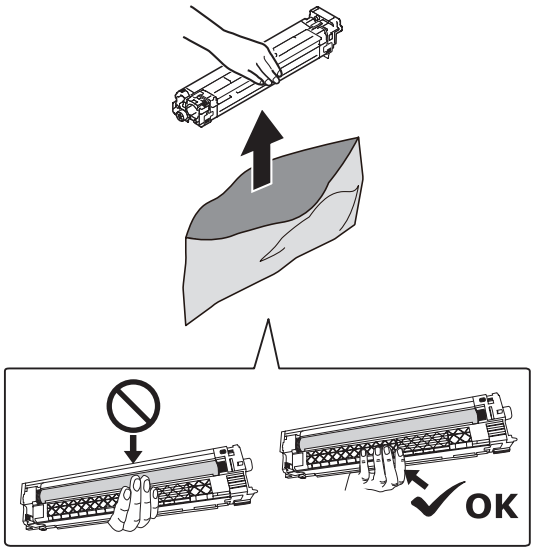
4 Open the front cover.



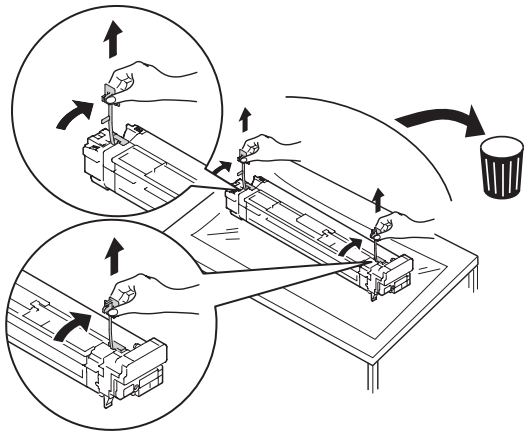
5 Mount the duct to the printer.



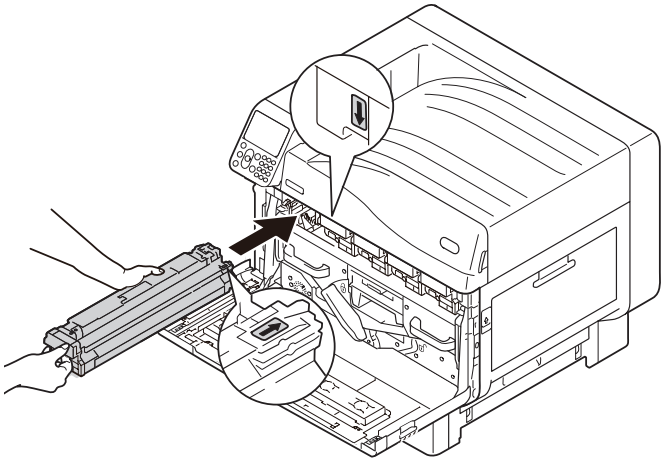
6 Remove the image drum from its packaging.



7 Remove the stopper (orange).

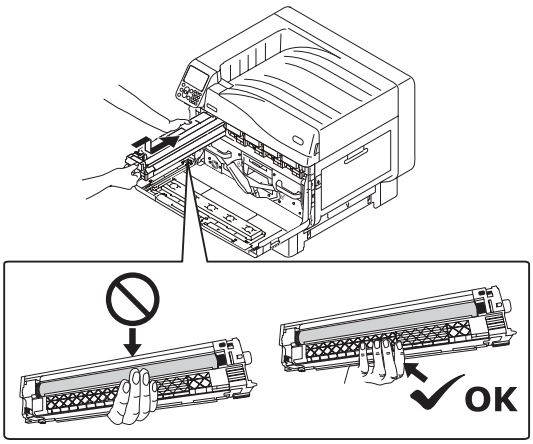


8 Align the (red) arrows on the image drum and printer, and insert gently into the slot while taking care not to touch the (green) light sensor on the underside with your hands, and then push in firmly as far as it will go.

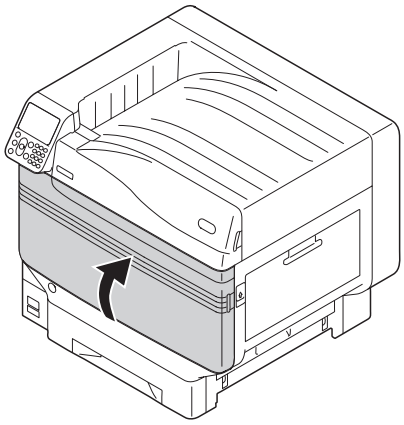


! Note

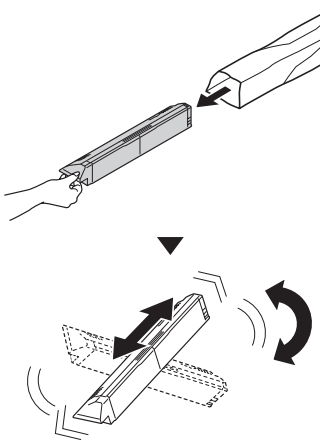
- Ensure not to touch or damage the drum.



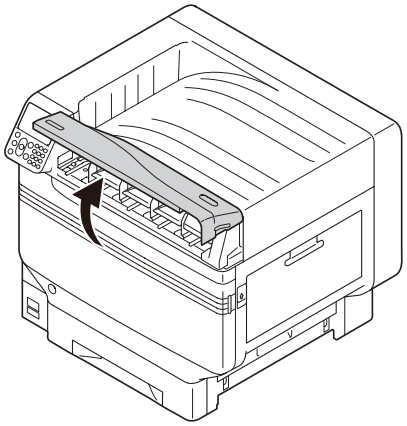
9 Close the front cover.



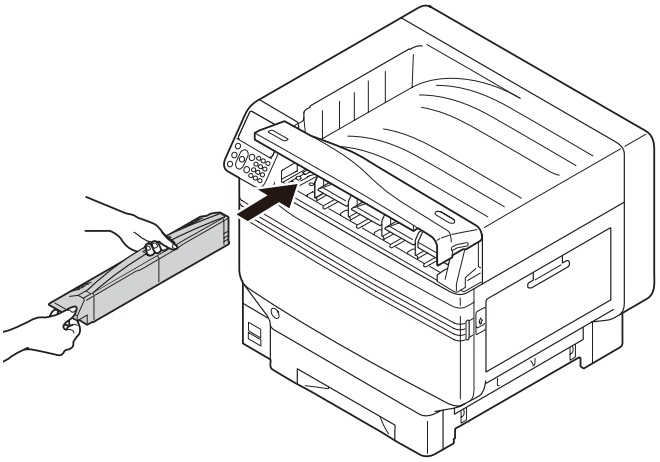
10 Remove the toner cartridge from its packaging, and shake it vertically and horizontally.



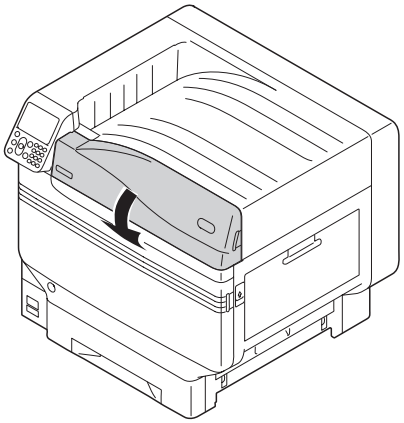
11 Open the toner replacement cover.



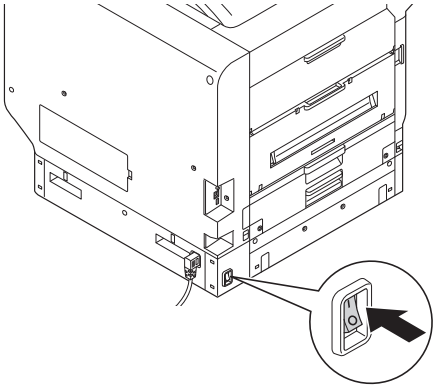
12 Check the position of the slot, and firmly push the toner cartridge in as far as it will go.



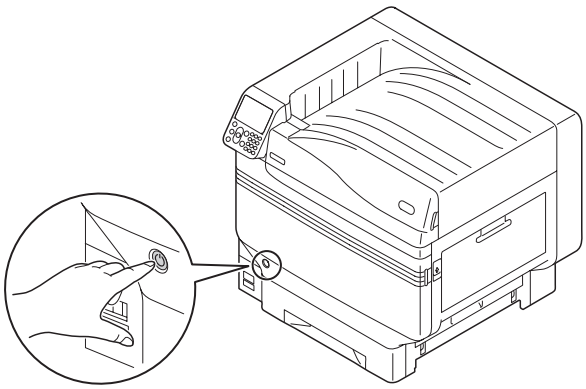
13 Close the toner replacement cover.



14 Turn ON (I) the main power switch.



15 Press and hold the power switch for approx. 1s.



Memo

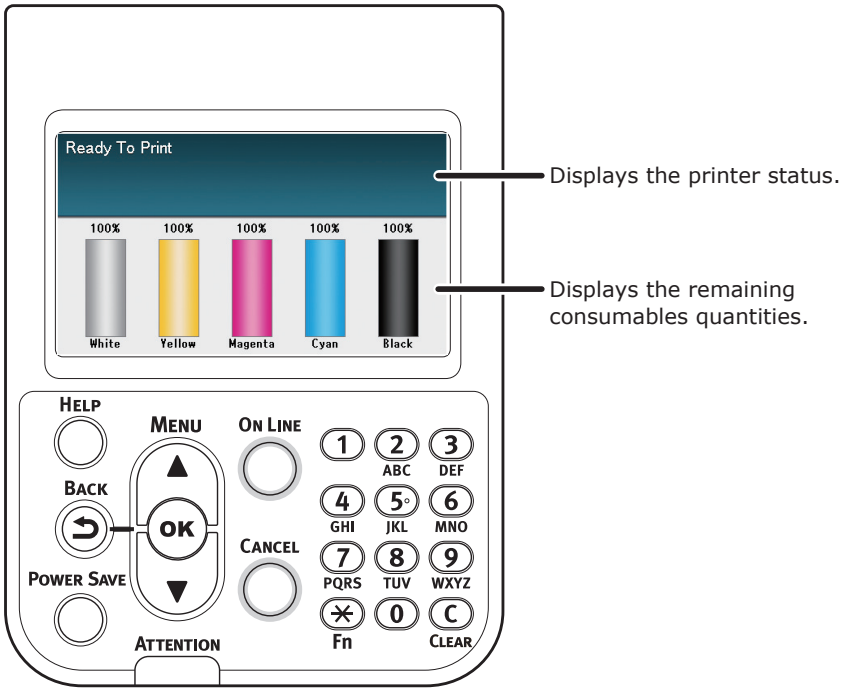
- When "Spot Color has been replaced/Press OK to change the Spot Color settings in the menu to Clear and restart the system/If you do not want to change settings, return Spot Color toner, image drum and Spot Color duct settings to white" is displayed, press the [OK] button.
- When the Spot Color kit has been set, return to the "Basic", and implement the tasks described from "Setting the Paper" onwards.

Control Panel Explanation

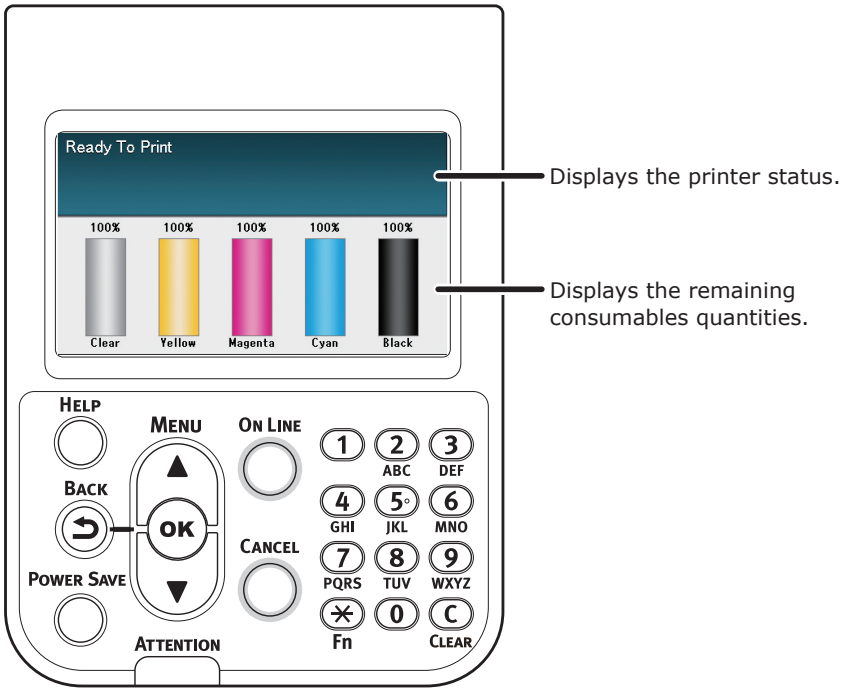
This section explains the C941dn/ES9541dn control panel.

Standby Screen

With white toner mounted



With clear toner mounted

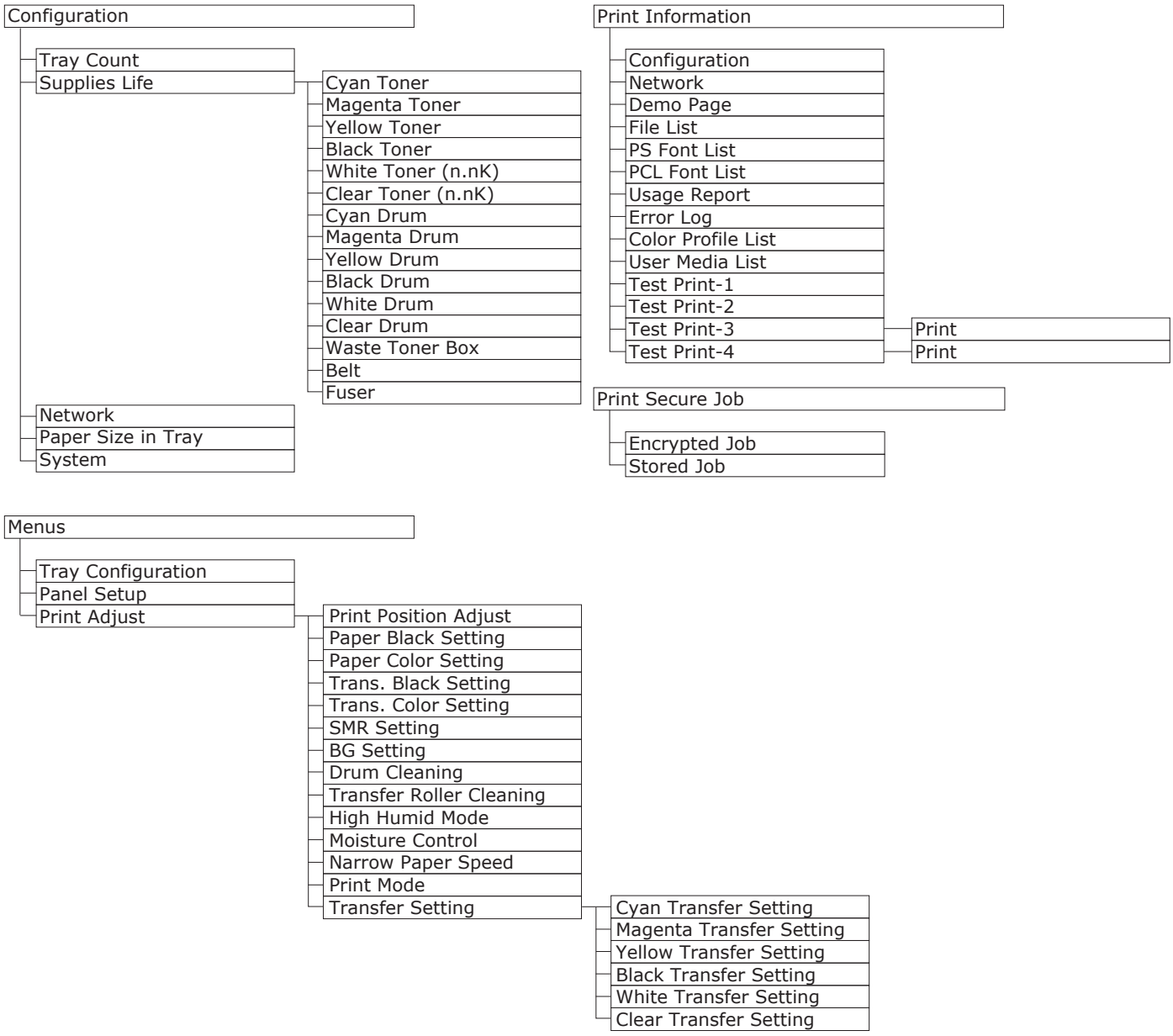


Menu table of Spot Color toner

The printer menus for clear toner and white toner are as described below.

Memo

- For details of menus other than the Spot Color toner, see the "Basic".



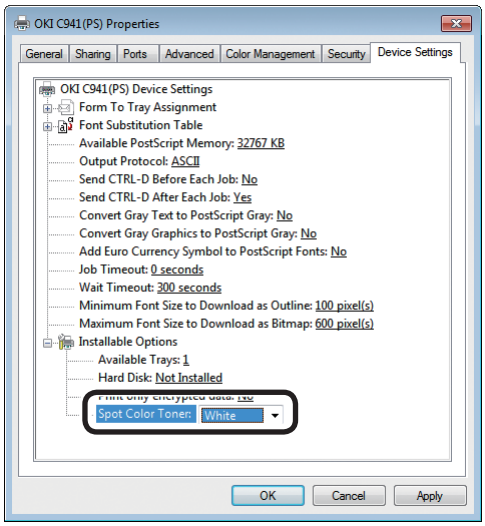
- Admin Setup
  - Network Setup
  - USB Setup
  - Print Setup
  - PS Setup
  - PCL Setup
  - XPS Setup
  - Color Setup
    - Ink Simulation
    - UCR
    - CMY 100% Density
    - CMYK Conversion
    - Spot Color (White)
  - Panel Setup
  - Time Setup
  - Power Setup
  - Others Setup
  - Settings
  - Change Password
- Print Statistics
  - JOB LOG
  - Supplies Report
  - Reset Main Counter
  - Reset Supplies Counter
  - Change Password
- Calibration
  - Auto Density Mode
  - Auto BG Adjust Mode
  - Adjust Density
  - Adjust Registration
  - Heavy Media Adjust
  - Heavy Media Mode
  - Color Density
    - Cyan Density
    - Magenta Density
    - Yellow Density
    - Black Density
    - White Density (0) F314
    - Clear Density (0) F314
  - Print Color Tuning Pattern
  - Base Color Tuning
  - Fine Color Tuning
  - Reset Color Tuning
  - White Tuning
- Boot Menu
  - Network Factory Defaults
  - HDD Setup
  - Storage Common Setup
  - Menu Lockout (Off)
  - Panel Lockout (Off)

Checking the printer drivers

When installation of printer drivers is complete, check that the Spot Color toner that has been mounted is selected in [Spot Color Toner] in the [Device Settings] tab or [Device Options] tab.

Memo

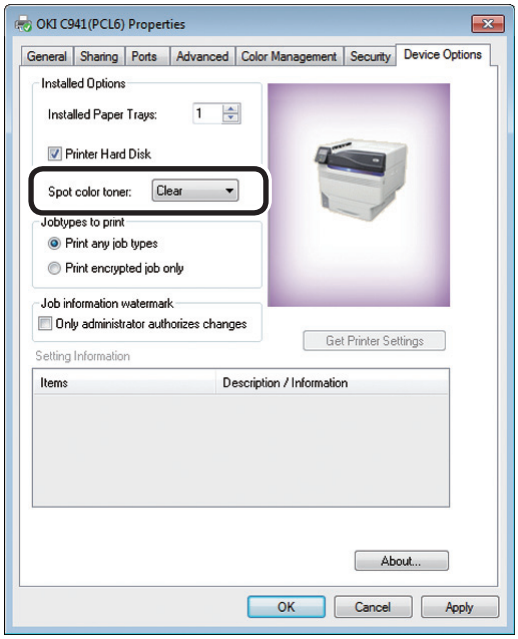
- For the printer driver installation method, see "Connecting to the PC" in "Basic".



■ Using Windows PS printer drivers

The color of the Spot Color toner that has been mounted is displayed in [Spot Color Toner] in the [Device Settings] tab.

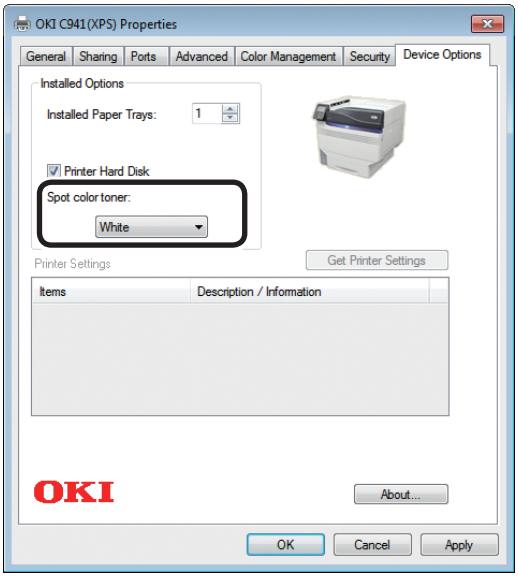
If the mounted color is not set, select the relevant Spot Color Toner color.



■ Using Windows PCL printer drivers

The color of the Spot Color toner that has been mounted is displayed in [Spot color toner] in the [Device Options] tab.

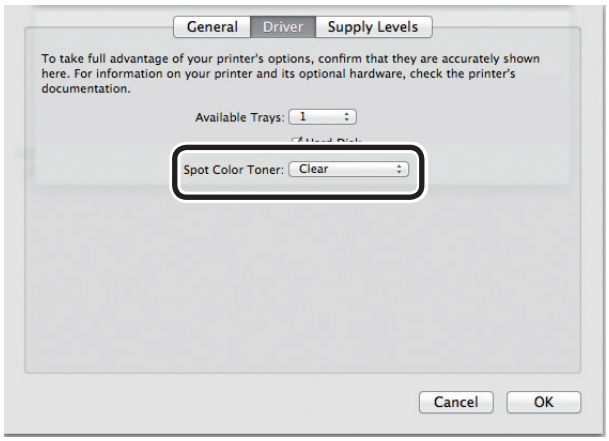
If the mounted color is not set, select the relevant Spot color toner color.



■ Using Windows XPS printer drivers

The color of the Spot Color toner that has been mounted is displayed in [Spot color toner] in the [Device Options] tab.

If the mounted color is not set, select the relevant Spot color toner color.


General
Driver
Supply Levels
To take full advantage of your printer's options, confirm that they are accurately shown here. For information on your printer and its optional hardware, check the printer's documentation.
Available Trays:
1
Spot Color Toner:
Clear
Cancel
OK

■ Using Mac OS X PS printer drivers

The color of the Spot Color toner that has been mounted is displayed in [Spot Color Toner] in the [Driver] panel.

If the mounted color is not set, select the relevant Spot Color Toner color.

Printer driver functions table

This section explains the Spot Color toner functions in the printer drivers.

Select the Spot Color toner in the [Device Settings] tab or [Device Options] tabs of the printer drivers. The following screen will be displayed.

Note

- Plain, recycled, and glossy under GSM 52 to 64g/m^2 (ream weight under 45 to 55kg) are incompatible with Spot Color printing using white toner or clear toner.

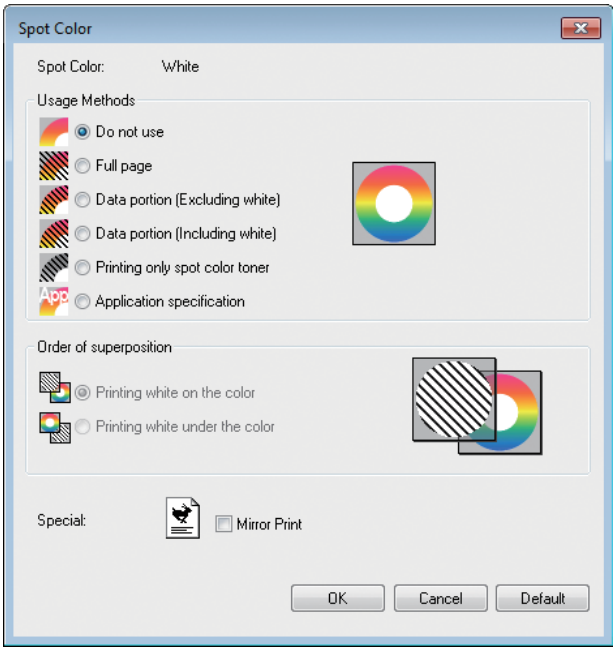
Memo

- If using the Fiery XF Server Option, see the manual enclosed with Fiery XF Server Option.

With white toner mounted

■ Using Windows PS printer drivers

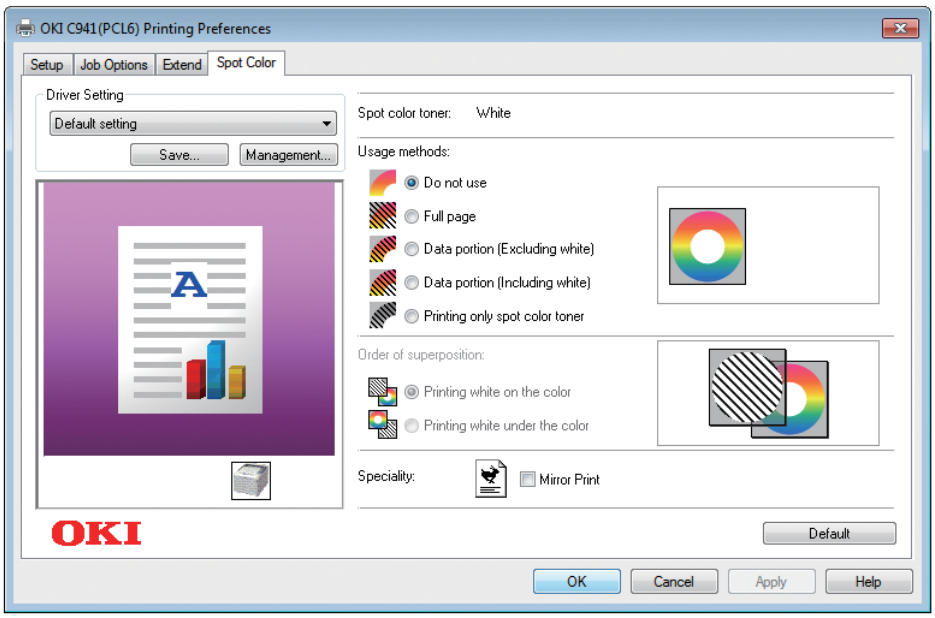
Click [Spot Color] in the [Color] tab to display the window for setting the Spot Color toner.



Item		Explanation
Usage Methods	Do not use	Print without using white toner.
	Full page	Using white toner on whole printed pages.
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.
	Data portion (Including white)	Using white toner in the data portions including the white portions.
	Printing only spot color toner	Printing using white toner only.
	Application specification	Applications can be used to specify white toner. This function is for PS printer drivers only.
Order of superposition	Printing white on the color	Printing by overlaying white toner on cyan, magenta, yellow, and black toner.
	Printing white under the color	Printing by overlaying white toner under cyan, magenta, yellow, and black toner.
Special	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Windows PCL printer drivers

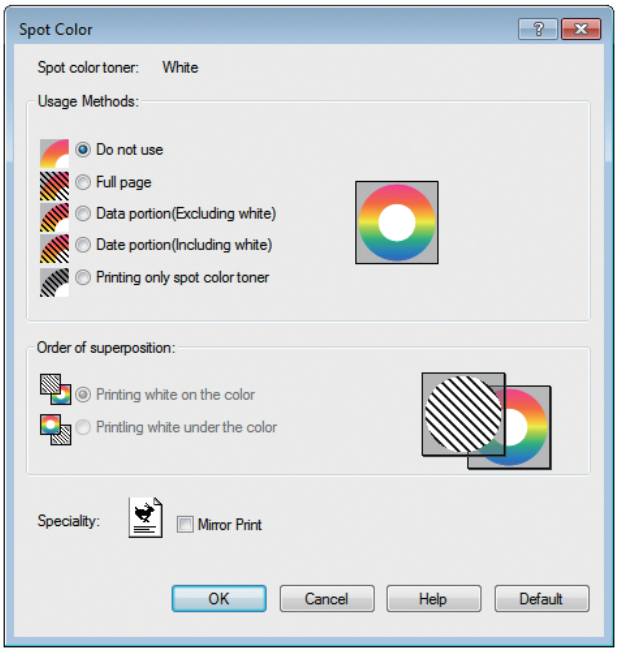
Click the [Spot Color] tab to display the window for setting the Spot color toner.



Item		Explanation
Usage methods	Do not use	Print without using white toner.
	Full page	Using white toner on whole printed pages.
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.
	Data portion (Including white)	Using white toner in the data portions including the white portions.
	Printing only spot color toner	Printing using white toner only.
Order of superposition	Print white on the color	Printing by overlaying white toner on cyan, magenta, yellow, and black toner.
	Print white under the color	Printing by overlaying white toner under cyan, magenta, tellow, and black toner.
Speciality	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Windows XPS printer drivers

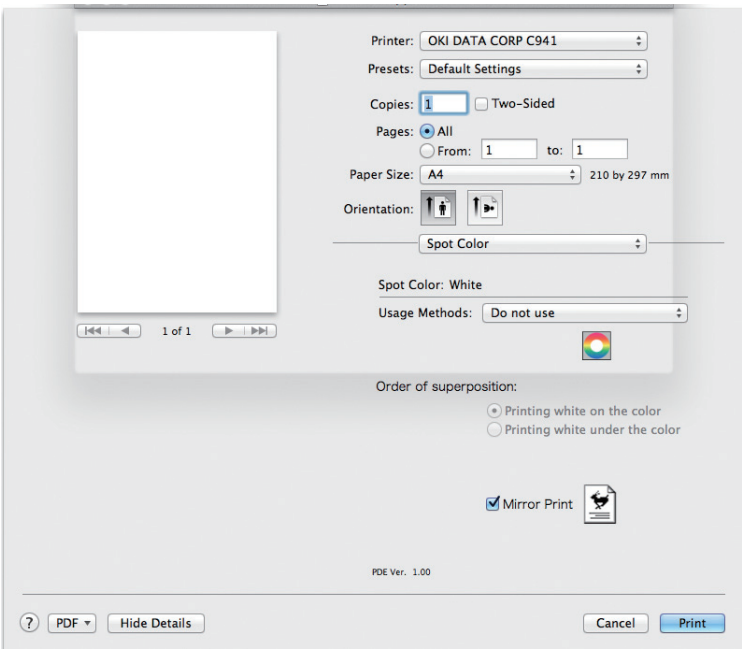
Click [Spot Color] in the [Color] tab to display the window for setting the Spot color toner.



Item		Explanation
Usage Methods	Do not use	Print without using white toner.
	Full page	Using white toner on whole printed pages.
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.
	Data portion (Including white)	Using white toner in the data portions including the white portions.
	Printing only spot color toner	Printing using white toner only.
Order of superposition	Printing white on the color	Printing by overlaying white toner on cyan, magenta, yellow, and black toner.
	Printing white under the color	Printing by overlaying white toner under cyan, magenta, yellow, and black toner.
Speciality	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Mac OS X PS printer drivers

Select the [Spot Color] panel to display the window for setting the Spot Color toner.

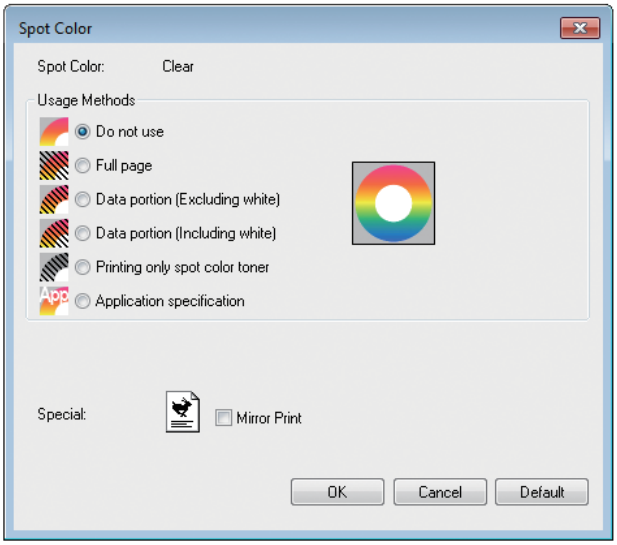


Item		Explanation
Usage methods	Do not use	Print without using white toner.
	Full page	Using white toner on whole printed pages.
	Data portion (Excluding white)	Using white toner in the data portions excluding the white portions.
	Data portion (Including white)	Using white toner in the data portions including the white portions.
	Printing only spot color toner	Printing using white toner only.
	Application specification	Applications can be used to specify white toner. This function is for PS printer drivers only.
Order of superposition	Print white on the color	Printing by overlaying white toner on cyan, magenta, yellow, and black toner.
	Print white under the color	Printing by overlaying white toner under cyan, magenta, yellow, and black toner.
Mirror Print		Printing by reversing the horizontal orientation.

With clear toner mounted

■ Using Windows PS printer drivers

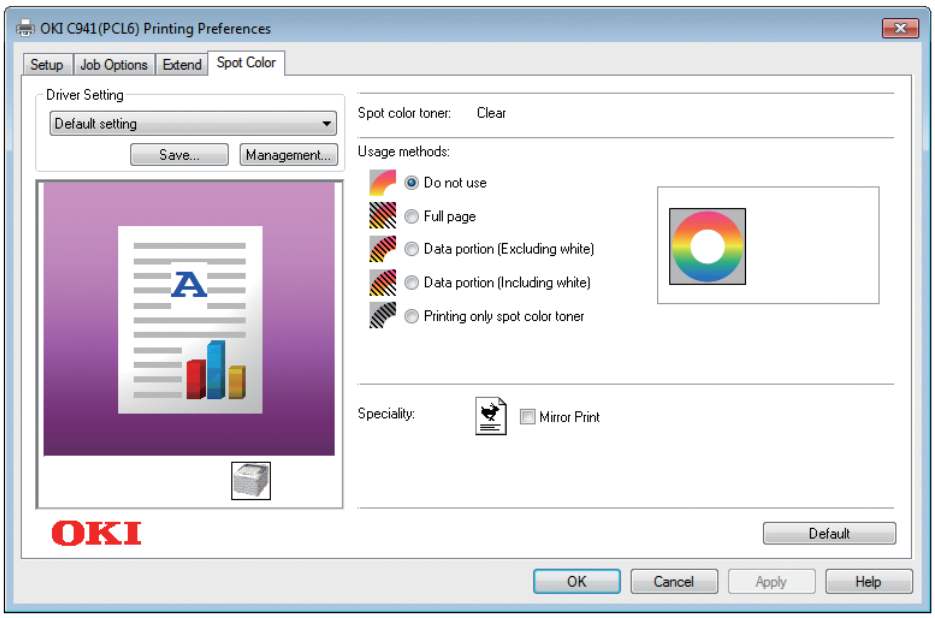
Click [Spot Color] in the [Color] tab to display the window for setting the Spot Color toner.



Item		Explanation
Usage Methods	Do not use	Print without using clear toner.
	Full page	Using clear toner on whole printed pages.
	Data portion (Excluding white)	Using clear toner in the data portions excluding the white portions.
	Data portion (Including white)	Using clear toner in the data portions including the white portions.
	Printing only spot color toner	Printing using the clear toner only.
	Application specification	Applications can be used to specify clear toner. This function is for PS printer drivers only.
Special	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Windows PCL printer drivers

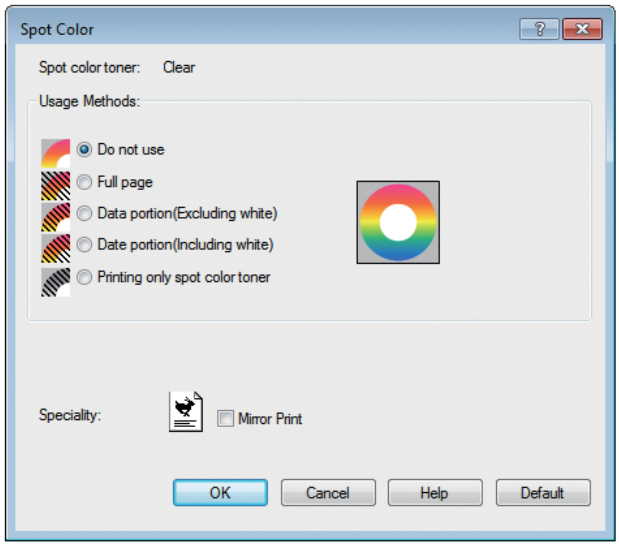
Click the [Spot Color] tab to display the window for setting the Spot Color toner.



Item		Explanation
Usage methods	Do not use	Print without using clear toner.
	Full page	Using clear toner on whole printed pages.
	Data portion (Excluding white)	Using clear toner in the data portions excluding the white portions.
	Data portion (Including white)	Using clear toner in the data portions including the white portions.
	Printing only spot color toner	Printing using the clear toner only.
Speciality	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Windows XPS printer drivers

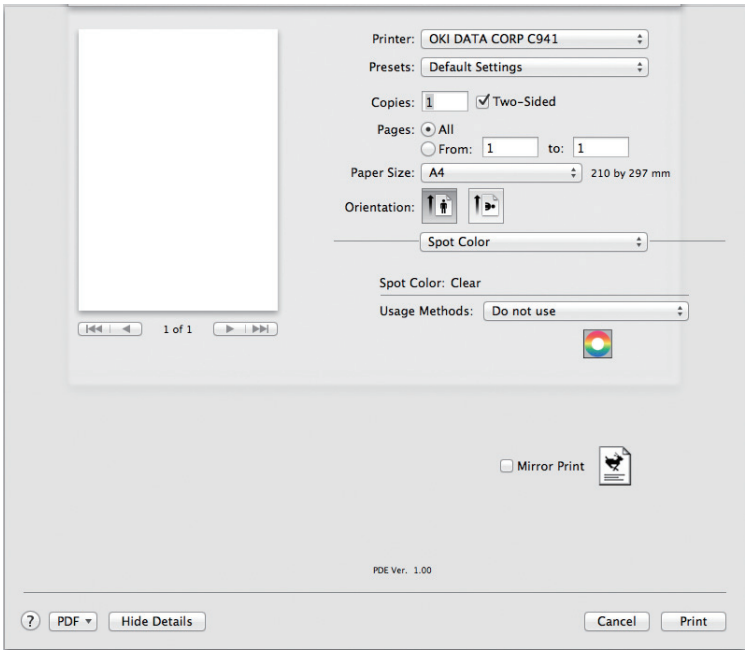
Click [Spot Color] in the [Color] tab to display the window for setting the Spot color toner.



Item		Explanation
Usage methods	Do not use	Print without using clear toner.
	Full page	Using clear toner on whole printed pages.
	Data portion (Excluding white)	Using clear toner in the data portions excluding the white portions.
	Data portion (Including white)	Using clear toner in the data portions including the white portions.
	Printing only spot color toner	Printing using the clear toner only.
Speciality	Mirror Print	Printing by reversing the horizontal orientation.

■ Using Mac OS X PS printer drivers

Click the [Spot Color] panel to display the window for setting the Spot Color toner.



Item		Explanation
Usage methods	Do not use	Print without using clear toner.
	Full page	Using clear toner on whole printed pages.
	Data portion (Excluding white)	Using clear toner in the data portions excluding the white portions.
	Data portion (Including white)	Using clear toner in the data portions including the white portions.
	Prints only spot color toner	Printing using the clear toner only.
	Application specification	Applications can be used to specify white toner. This function is for PS printer drivers only.
Mirror Print		Printing by reversing the horizontal orientation.

Printing on color paper

Color papers that can be used

Use color paper that satisfies the following conditions.

- Pigments used to color the paper or ink that is heat-resistant at 230ºC.
- E-photo printer paper with the same paper characteristics as plain paper

Printing using white toner only

Printing text and illustrations using only white toner on color paper.

Before printing, check that white toner has been mounted to the device, and that white toner has been selected using the printer drivers.

Note

- Plain, recycled, and glossy under GSM 52 to 64g/m^2 (ream weight under 45 to 55kg) are incompatible with Spot Color.

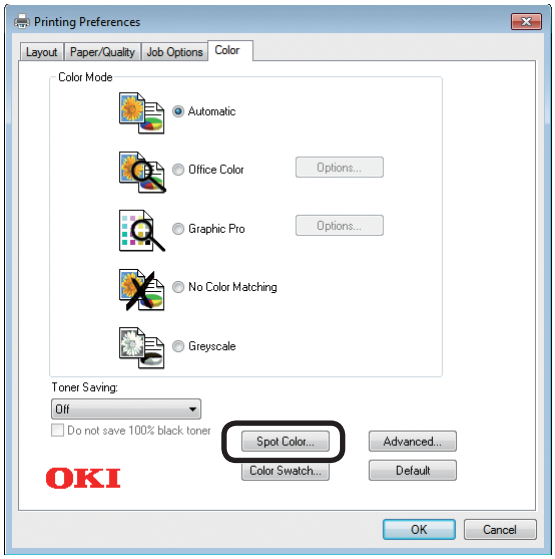
Memo

- For how to check the Spot Color toner selected using the printer drivers, see "Checking the printer drivers" (P.10).

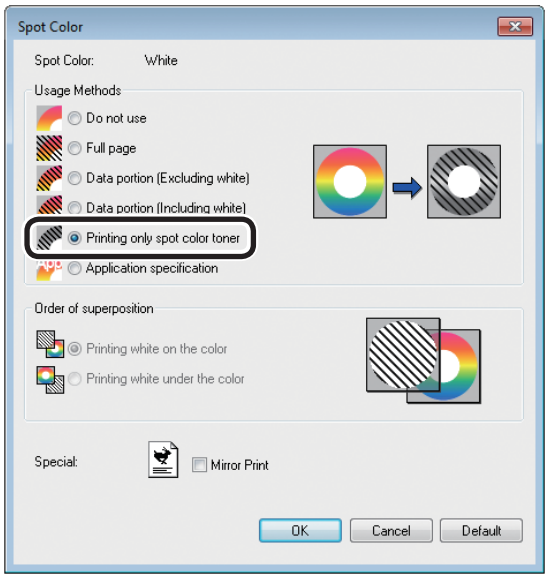
■ Using Windows PS printer drivers

1. Open the file to be printed.
2. Click [Page Setup] in the [File] menu.
3. Select the paper size and print orientation, and click [OK].
4. Select [Print] in the [File] menu.
5. Click [Advanced] (or [Properties]).
6. Use [Paper Source] in the [Paper/Quality] tab to select the tray to be used.
7. Use [Media] to select the paper type to be used, and click [Advanced].
8. Select suitable values from [Media Weight] using the [Advanced Options] screen, and click [OK].

9 Click [Spot Color] in the [Color] tab.



10 Select [Printing only spot color toner] in [Usage Methods], and click [OK].



11 Click [OK] to return to the [Print] screen.

12 Click [Print] in the [Print] screen to print.

■ Using Windows PCL printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

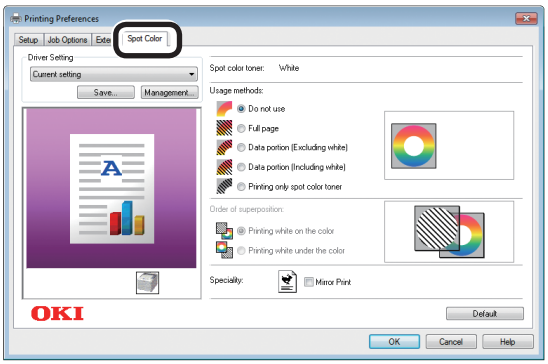
5 Click [Advanced] (or [Properties]).

6 Use [Paper Source] in the [Setup] tab to select the tray to be used.

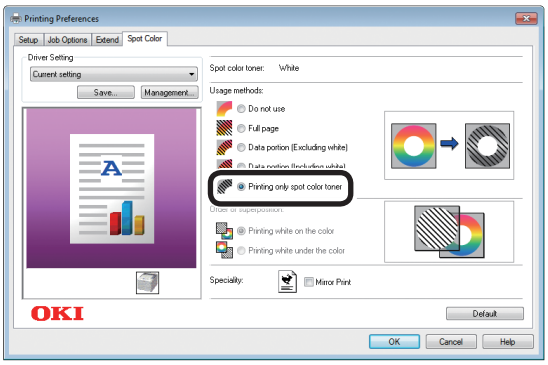
7 Use [Media Type] to select the paper type to be used.

8 Select suitable values using [Media Weight].

9 Click the [Spot Color] tab.



10 Select [Prints only spot color toner] in [Usage methods], and click [OK].



11 Click [Print] in the [Print] screen to print.

■ Using Windows XPS printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

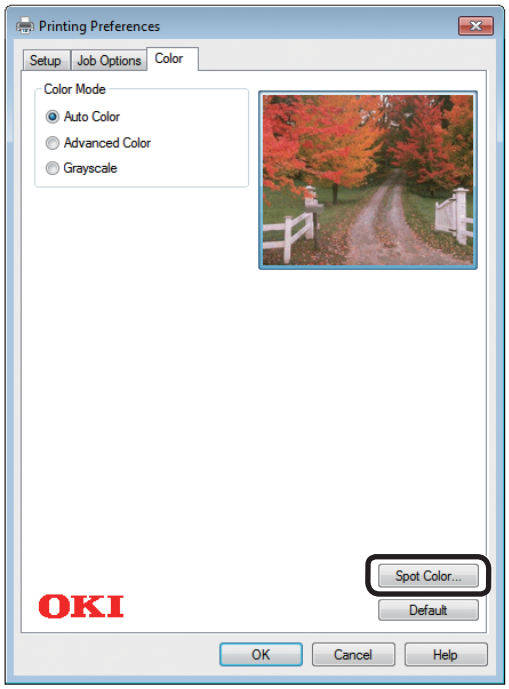
5 Click [Advanced] (or [Properties]).

6 Use [Paper Source] in the [Setup] tab to select the tray to be used.

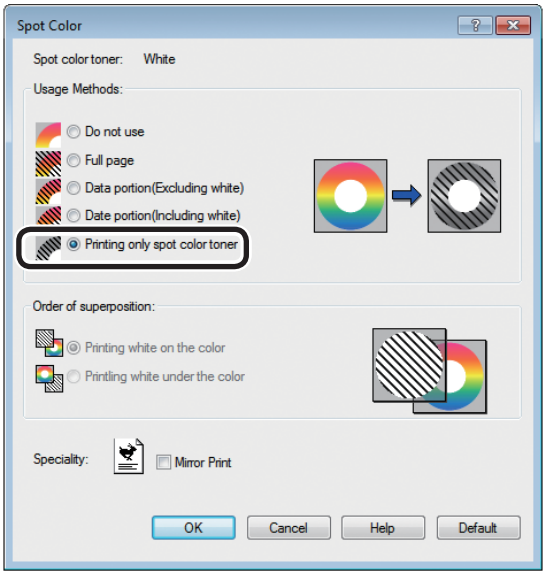
7 Use [Media Type] to select the paper type to be used.

8 Select suitable values using [Media Weight].

9 Click [Auto Color] in the [Color] tab.



10 Select [Printing only spot color toner] in [Usage Methods], and click [OK].



11 Click [OK] to return to the [Print] screen.

12 Click [Print] in the [Print] screen to print.

■ Using Mac OS X Printer Drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

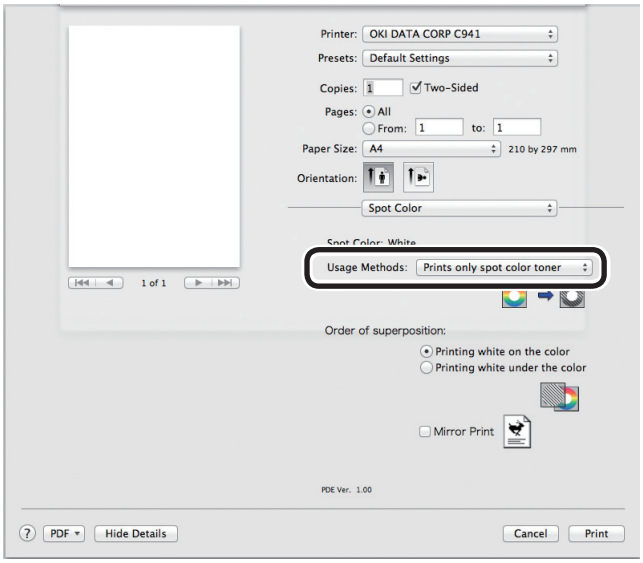
3 Select the paper size and print orientation using the page setup dialog box, and click [OK].

4 Select [Print] in the [File] menu.

5 Use the [Source] panel to select the tray to be used.

6 Click the [Feed] tab in the [Print Options] panel, and select suitable values using [Media Type] and [Media Weight].

7 Select [Prints only spot color toner] in [Usage Methods] in the [Spot Color] panel.



8 Click [Print] to print.

Printing white under color (Spot Color overprint function)

If printing on color paper, print the base using white toner, and then overprint using colors (CMYK).

Note

- This function cannot be used with envelopes or postcards (except for Japanese Double Postcards and 4-Ren Hagaki).
- This function cannot be used with GSM under 52 to 64g/m^2 (ream weight under 45 to 55kg), or paper with GSM 321 to 360g/m^2 (ream weight 256 to 309kg).
- Custom size is compatible with papers with widths from 99.0 to 330.0mm, and lengths from 180 to 483.0mm.
- Clear toner is not compatible with this function.

■ Using Windows PS printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

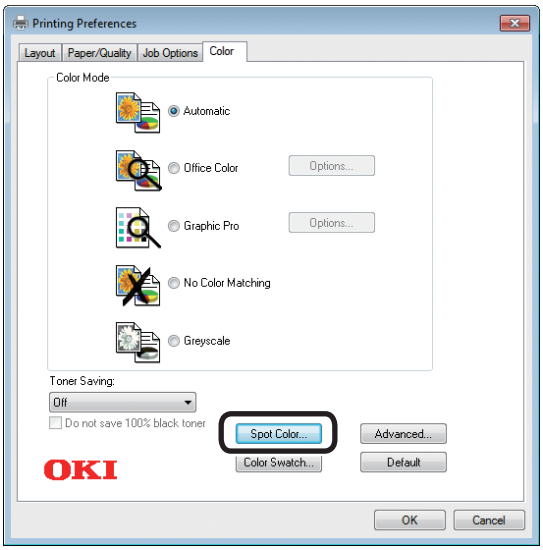
5 Click [Advanced] (or [Properties]).

6 Use [Paper Source] in the [Paper/Quality] tab to select the tray to be used.

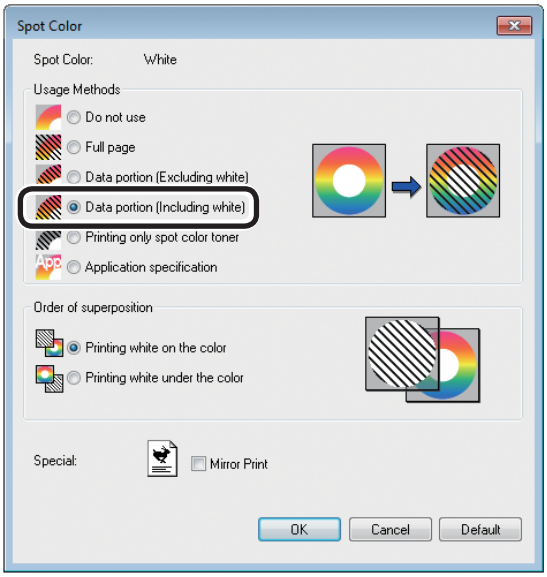
7 Use [Media] to select the paper type to be used, and click [Advanced].

8 Select suitable values from [Media Weight] using the [Advanced Options] screen, and click [OK].

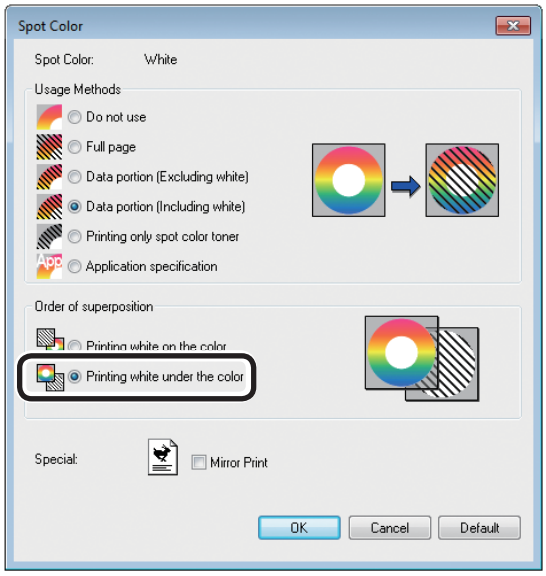
9 Click [Spot Color] in the [Color] tab.



10 Select [Data portion (Including white)] in [Usage Methods].



11 Select [Printing white under the color] in [Order of superposition], and click [OK].



12 Click [OK] to return to the [Print] screen.

13 Click [Print] in the [Print] screen to print.

■ Using Windows PCL printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

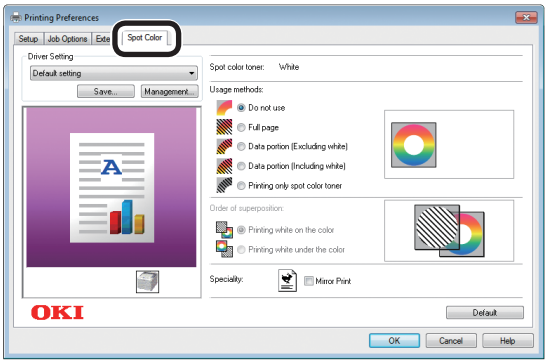
5 Click [Advanced] (or [Properties]).

6 Use [Paper Source] in the [Setup] tab to select the tray to be used.

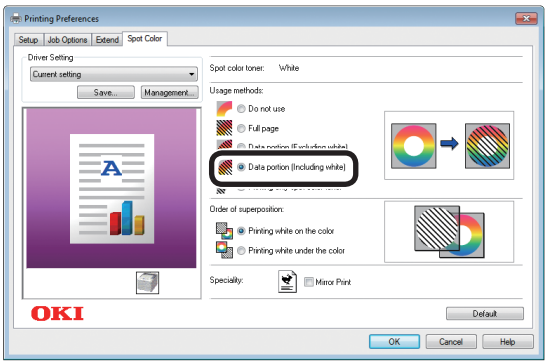
7 Use [Media Type] to select the paper type to be used.

8 Select suitable values using [Media Weight].

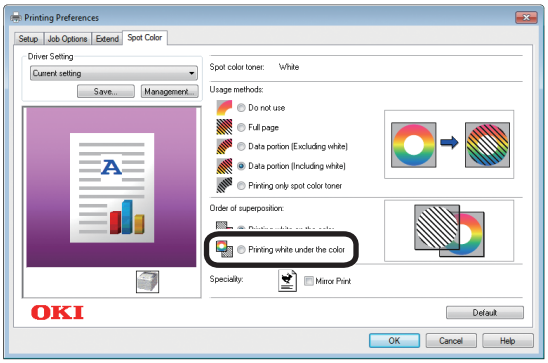
9 Click the [Spot Color] tab.



10 Select [Data portion (Including white)] in [Usage methods].



11 Select "Printing white under the color" in [Order of superposition], and click [OK].



12 Click [Print] in the [Print] screen to print.

■ Using Windows XPS printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

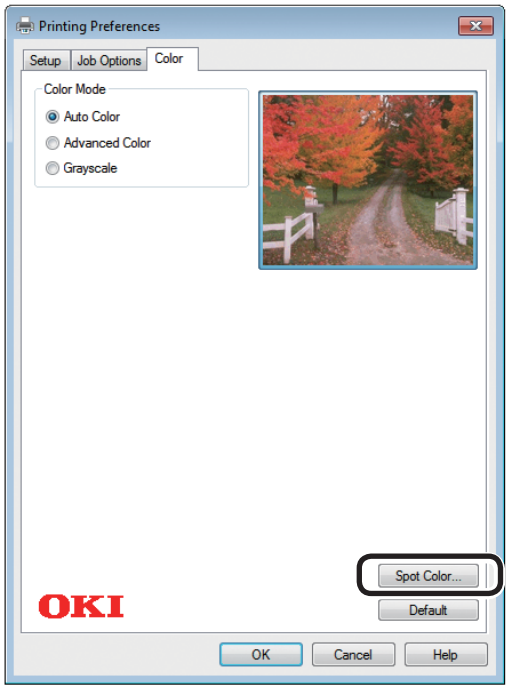
5 Click [Advanced] (or [Properties]).

6 Use [Paper Source] in the [Setup] tab to select the tray to be used.

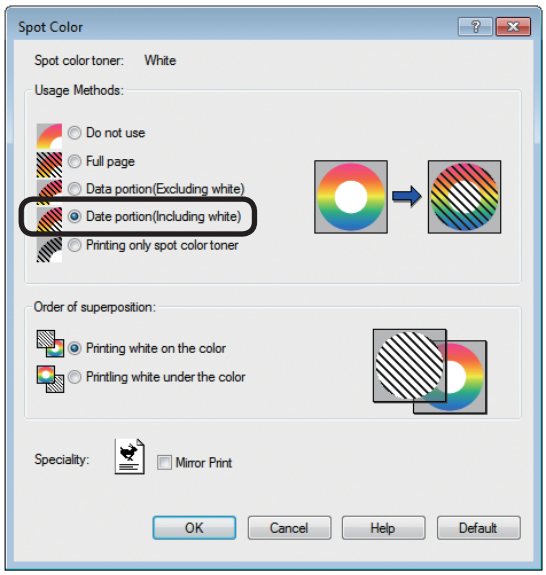
7 Use [Media Type] to select the paper type to be used.

8 Select suitable values using [Media Weight].

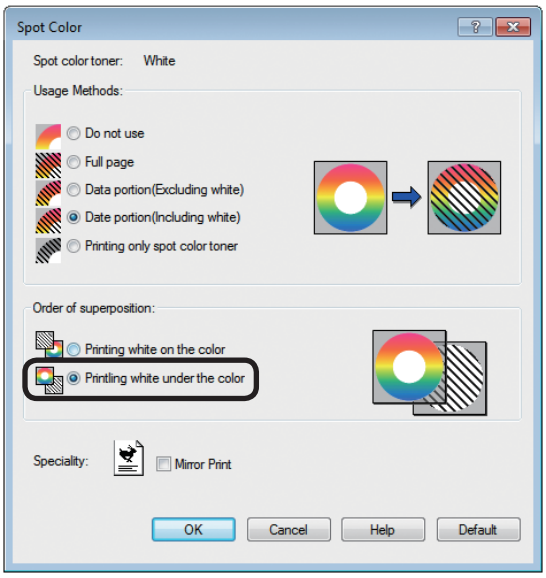
9 Click [Spot Color] in the [Color] tab.



10 Select [Data portion (Including white)] in [Usage Methods].



11 Select [Printing white under the color] in [Order of superposition], and click [OK].



12 Click [OK] to return to the [Print] screen.

13 Click [Print] in the [Print] screen to print.

■ Using Mac OS X Printer Drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

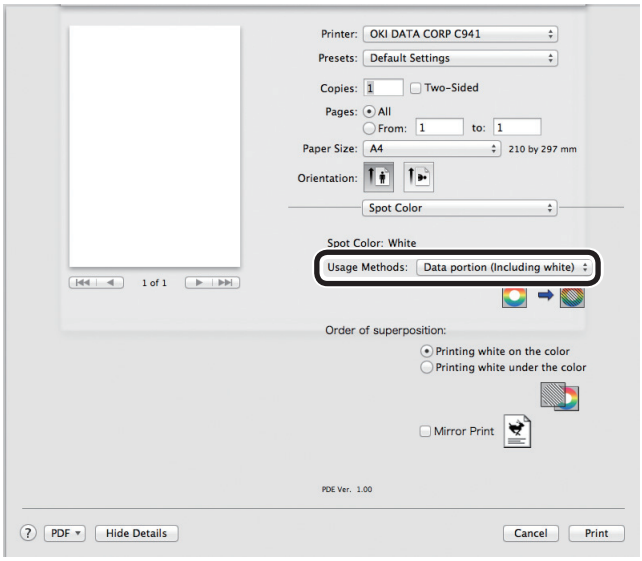
3 Select the paper size and print orientation using the page setup dialog box, and click [OK].

4 Select [Print] in the [File] menu.

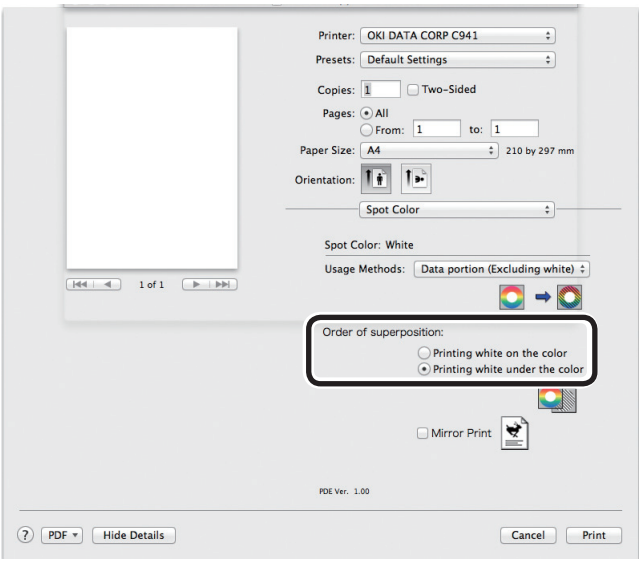
5 Use the [Source] panel to select the tray to be used.

6 Click the [Feed] tab in the [Print Options] panel, and select suitable values using [Media Type] and [Media Weight].

7 Select [Data portion (Including white)] in [Usage Methods] in the [Spot Color] panel.



8 Select [Printing white under the color] in [Order of superposition] in the [Spot Color] panel.

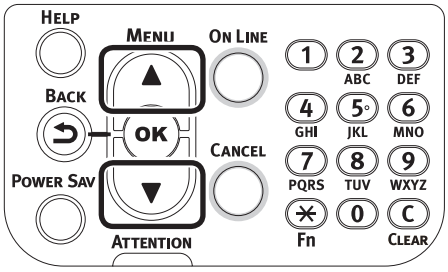


9 Click [Print] to print.

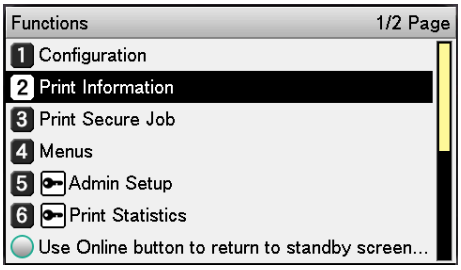
Adjusting the print position for spot color overprint

When printing white under the color, misalignment may occur depending on the paper in use. In this case, adjust the registration by following the procedure below.

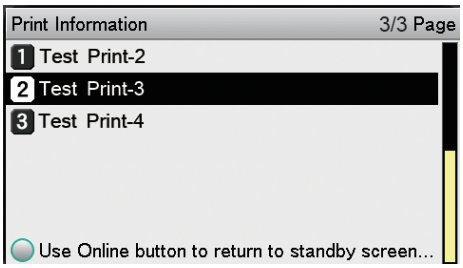
1 Press the scroll button▲ or ▼.



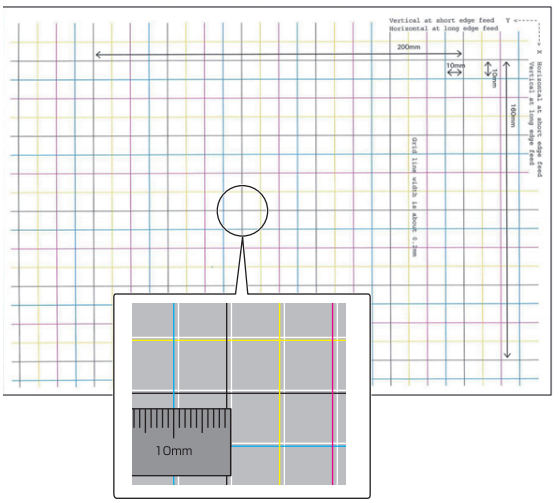
2 Select [Print Information], and press the [OK] button.



3 Select [Test Print-3], and press the [OK] button.



4 In the test result, compare the degree of misalignment between the black and white lines in the center.

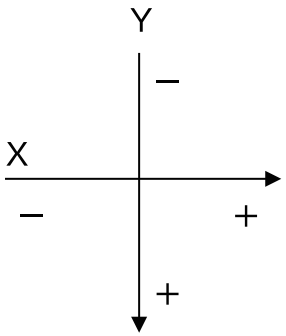


Paper operation direction

5 Adjust the registration of black lines to the white lines.

Here, the example given above will be used for illustration.

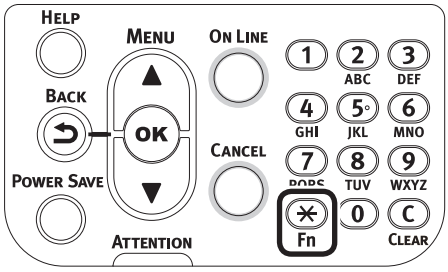
(1) In the registration adjustment diagram, ensure that X is adjusted towards the direction of + and Y towards -.



Registration adjustment diagram

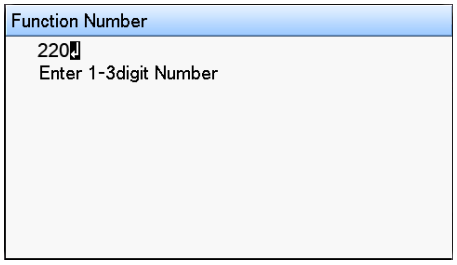
(2) Press the [Fn] key.

The number input screen appears.

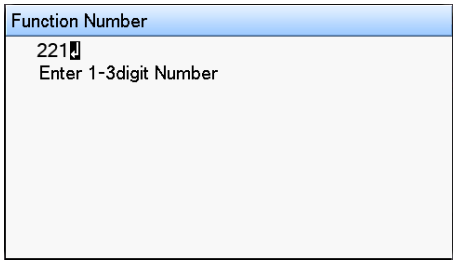


(3) Input the function number depending on the paper tray to be set up.

- For the multi-purpose tray
  Press the function number [2], [2], [0], and press the [OK] button.



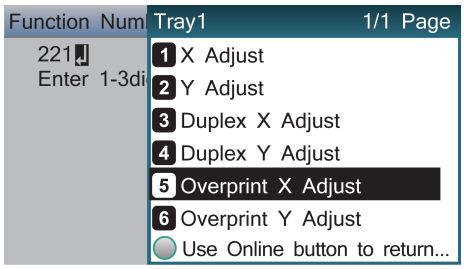
- For Tray1
  Press the function number [2], [2], [1], and press the [OK] button.



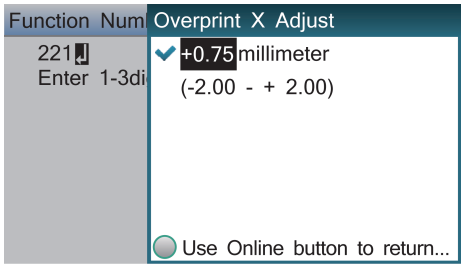
Memo

- The function number for Trays 2-5 is as follows:
  - For Tray2
    Press the [Fn] key, [2], [2], [2], and [OK].
  - For Tray3
    Press the [Fn] key, [2], [2], [3], and [OK].
  - For Tray4
    Press the [Fn] key, [2], [2], [4], and [OK].
  - For Tray5
    Press the [Fn] key, [2], [2], [5], and [OK].

(4) Select [Overprint X Adjust], and press the [OK] button.



(5) Press the scroll button or select [+0.75], and press the [OK] button.

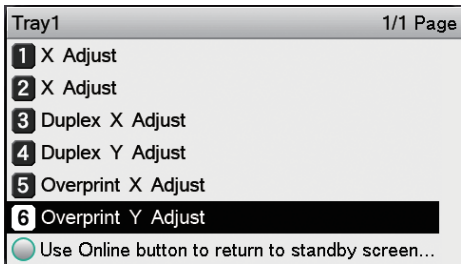


Memo

- The adjustment range is from -2.00 mm to +2.00 mm in the step of 0.25 mm.

(6) Press the [BACK] button.

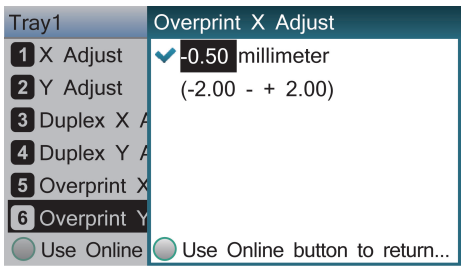
(7) Press the scroll button ▲ or ▼, select [Overprint Y Adjust], and press the [OK] button.


Tray1 1/1 Page
1 X Adjust
2 X Adjust
3 Duplex X Adjust
4 Duplex Y Adjust
5 Overprint X Adjust
6 Overprint Y Adjust
Use Online button to return to standby screen...

Memo

- The adjustment range is from -2.00 mm to +2.00 mm in the step of 0.25 mm.

(8) Press the scroll button ▲ or ▼, select [-0.50], and press the [OK] button.



(9) Press the [ONLINE] button.

6 Print [Test Print-3] by following Steps 1-3, and check the print result.

If there is a misalignment in registration, make readjustments by following Step 5.

7 Open a data file that has a misalignment in white registration. This example uses Adobe Illustrator.

8 Create a new layer. Name the layer "SpotColor", and create this at the top.

9 Open the swatch window and click the "New Swatch" button.

Enter [SpotColor_White] as its name, and select [Spot Color] for the color type.

Note

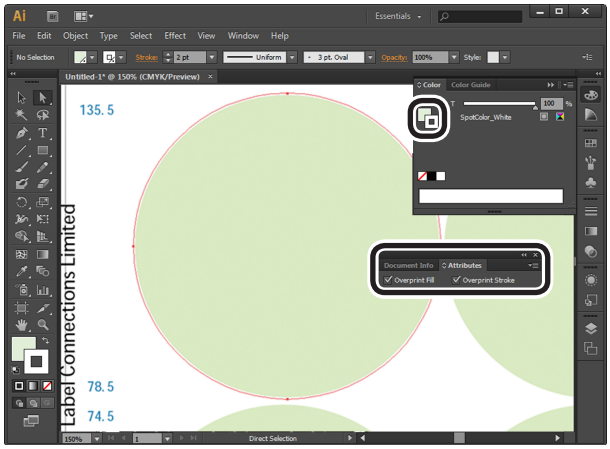
- Please enter the name as given above. White toner will not be recognized if you make a mistake in the entries.

10 Copy the object to be filled with spot color white to the "SpotColor" layer.

11 Select the copied object, and set the fill to "SpotColor_White:100%" and the border to "SpotColor_White:0%".

For outlines, select "Object" > "Path" > "Path Outline", and set the fill and border after it been changed to Object.

12 Open the attribute window, and select [Overprint Fill] and [Overprint Stroke].

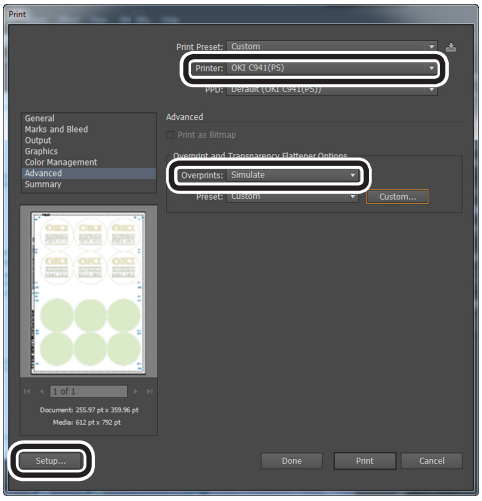


13 Select [File] > [Print].

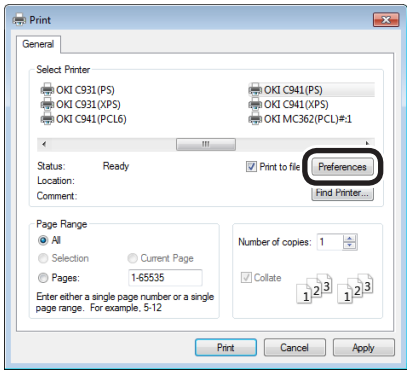
14 Go to [Printer], and select [OKI C941 (PS)].

15 Go to [Details] > [Overprints], and select [Simulate].

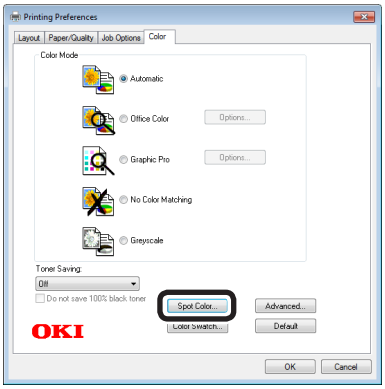
16 Click [Printer].



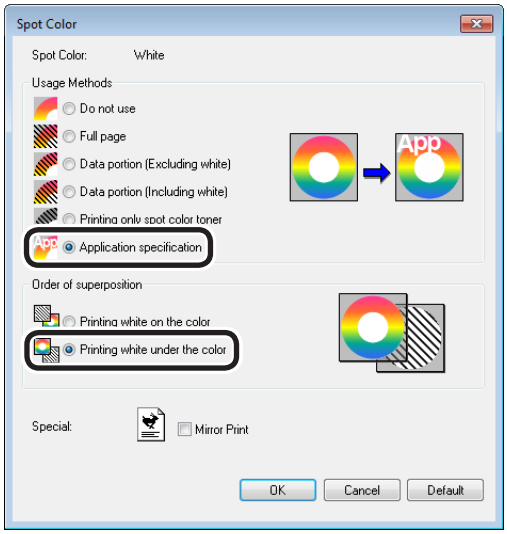
17 Click [Preferences].



18 Go to the [Color] tab, and click [Spot Color].



19 Go to [Usage Methods] and select [Application specification], and select [Print white under the color] for the order of superposition.



20 Click [OK] to print.

Printing on transparent film

Before printing, check that white toner has been mounted to the device, and that white toner has been selected using the printer drivers.

Memo

- For how to check the Spot Color toner selected using the printer drivers, see "Checking the printer drivers" (P.10).

Transparent films that can be used

Use transparent film that satisfies the following conditions.

- Recommended media: Excellent

  A4Nobi (OKI Color Page Printer Paper, Model Name: PPR-SW4AEB)

  A3Nobi (OKI Color Page Printer Paper, Model name: PPR-SW3AEB)

  Setting the media weight in the printer driver: [Transparency]

  When setting from the control panel:
  Media weight: Auto
  Paper type: Transparency
- Transparent film used in e-photo printers or dry PPC.
- Film that is heat-resistant to 230ºC.
- Paper of width 210mm min.
- Thoroughly test the print quality and paper traction beforehand, and check that there are no impediments before use.

Note

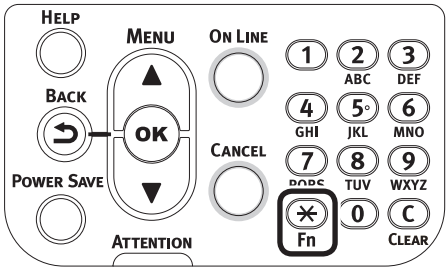
- Do not use shrink film for soft packaging printing.
- Light film may have poor absorption, multiple feeding, and paper jams.

Setting transparent film in the device

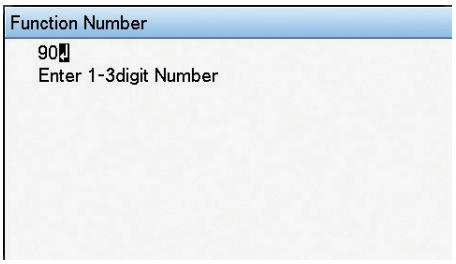
1 Set the transparent film in the multi-purpose tray.

2 Press the [Fn] key on the control panel.

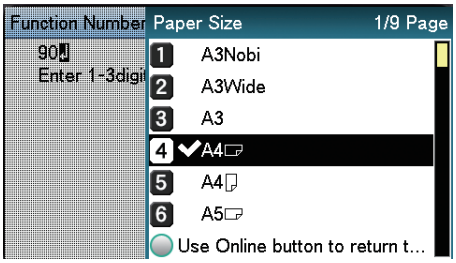
The numerical values input screen will be displayed.



3 Press [9], [0], and press the [OK] button.

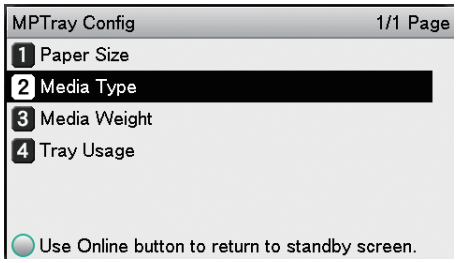


4 Select the paper size, and press the [OK] button.

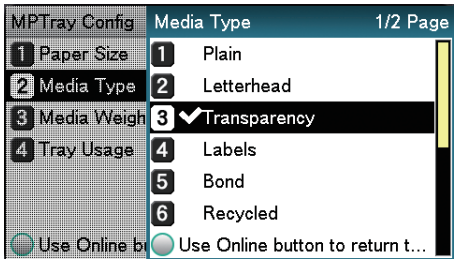


5 Check that ✔ is displayed to the left of the selected paper size, and press the [BACK] button.

6 Select [Media Type], and press the [OK] button.



7 Select [Transparency], and press the [OK] button. Check that ✔ is shown to the left of [Transparency].



8 Press the [ON LINE] button to return to the standby screen.

Mirror reverse printing

If printing on transparent film, print in the order color (CMYK) and then white, and print using mirror reverse for correct appearance when turned over.

■ Using Windows PS printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

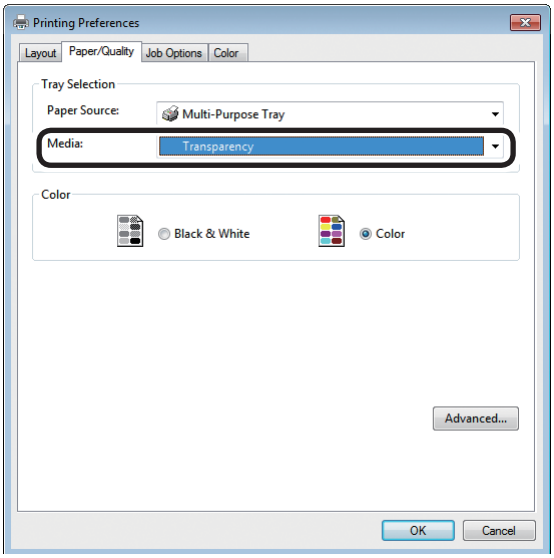
3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

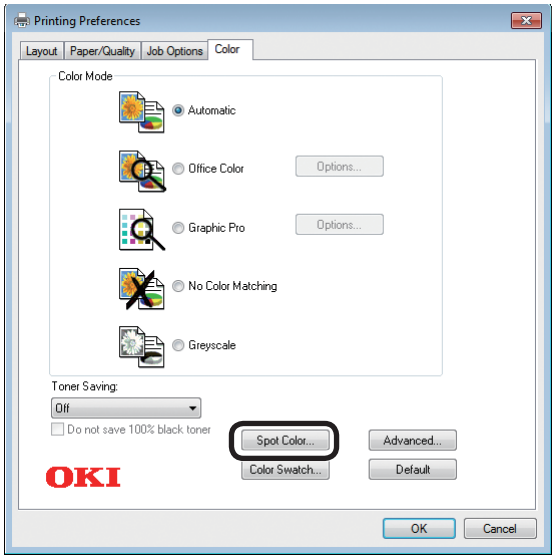
5 Click [Advanced] (or [Properties]).

6 Select [Multi-Purpose Tray] in [Paper Source] in the [Paper/Quality] tab.

7 Select [Transparency] in [Media].



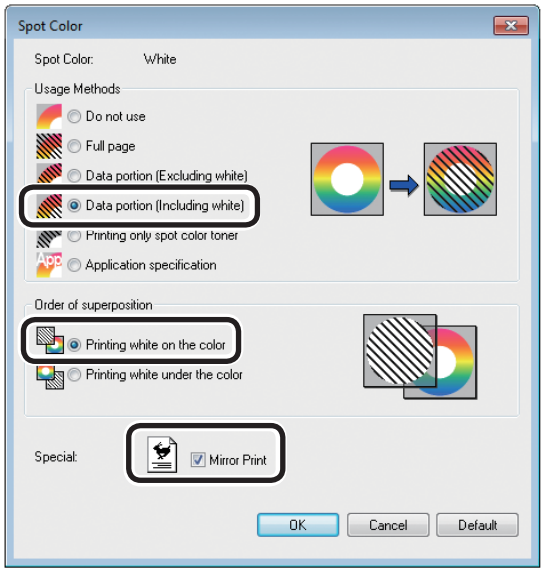
8 Click [Spot Color] in the [Color] tab.



9 Select [Data portion (Including white)] in [Usage Methods].

10 Select [Printing white on the color] in [Order of superposition].

11 For reverse printing, enable [Mirror Print], and click [OK].



12 Click [OK] to return to the [Print] screen.

13 Click [Print] in the [Print] screen to print.

■ Using Windows PCL printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

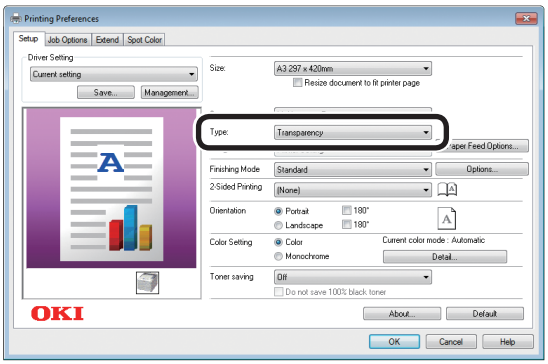
3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

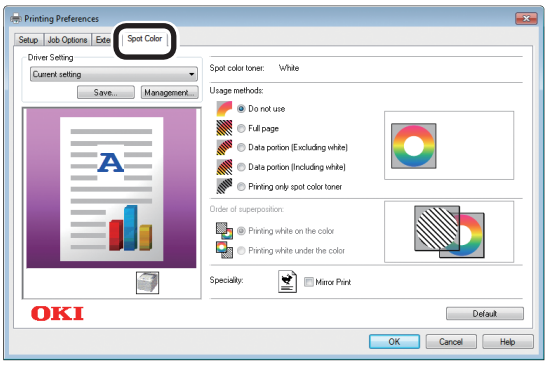
5 Click [Advanced] (or [Properties]).

6 Select [Multipurpose Tray] in [Source] in the [Setup] tab.

7 Select [Transparency] in [Type].



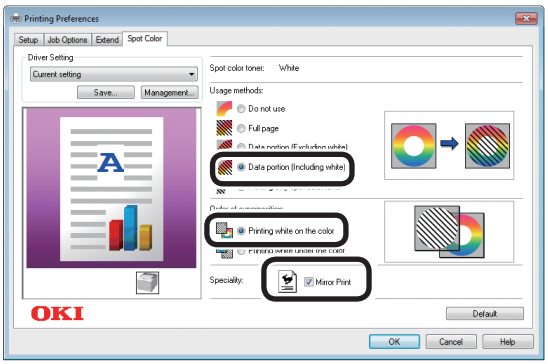
8 Click the [Spot Color] tab.



9 Select [Data portion (Including white)] in [Usage methods].

10 Select [Printing white on the color] in [Order of superposition].

11 For reverse printing, enable [Mirror Print], and click [OK].



12 Click [Print] in the [Print] screen to print.

■ Using Windows XPS printer drivers

1 Open the file to be printed.

2 Click [Page Setup] in the [File] menu.

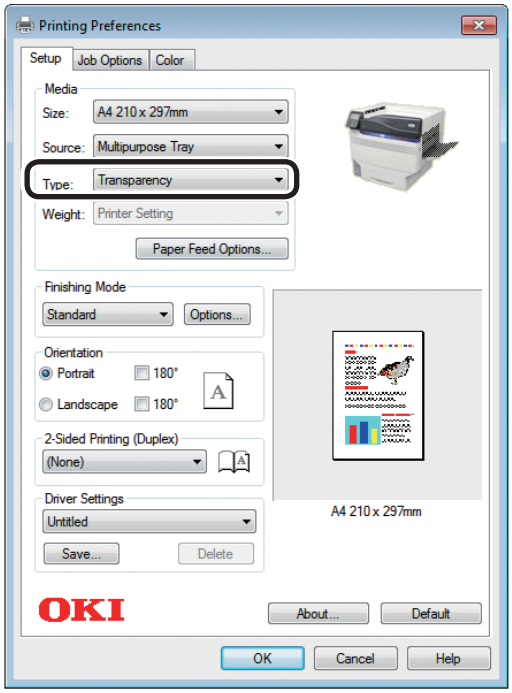
3 Select the paper size and print orientation, and click [OK].

4 Select [Print] in the [File] menu.

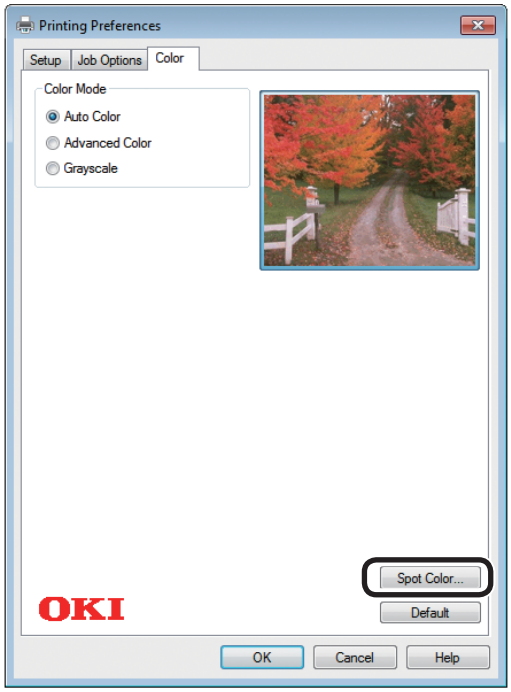
5 Click [Advanced] (or [Properties]).

6 Select [Multipurpose Tray] in [Source] in the [Setup] tab.

7 Select [Transparency] in [Type].



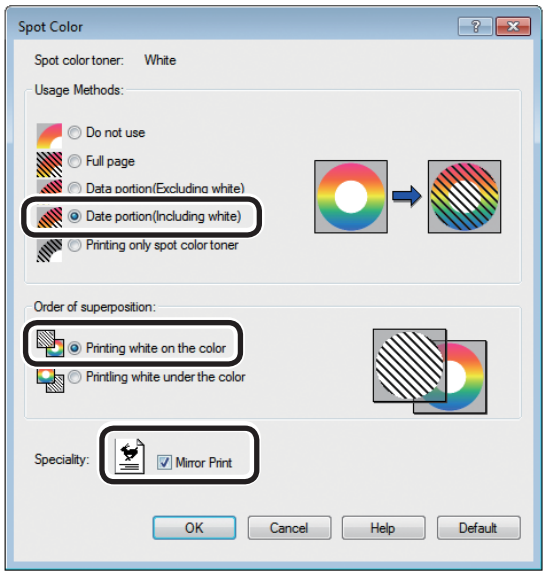
8 Click [Spot Color] in the [Color] tab.



9 Select [Data portion (Including white)] in [Usage Methods].

10 Select [Printing white on the color] in [Order of superposition].

11 For reverse printing, enable [Mirror Print], and click [OK].



12 Click [OK] to return to the [Print] screen.

13 Click [Print] in the [Print] screen to print.

■ Using Mac OS X Printer Drivers

1 Open the file to be printed.

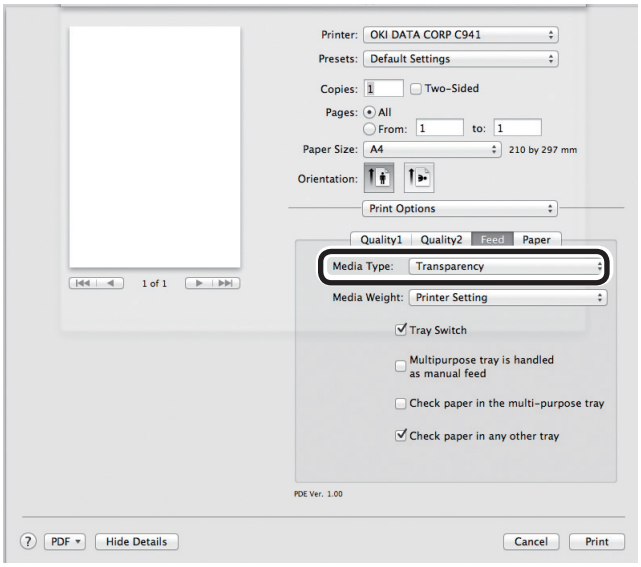
2 Click [Page Setup] in the [File] menu.

3 Select the paper size and print orientation using the page setup dialog box, and click [OK].

4 Select [Print] in the [File] menu.

5 Select [Multipurpose Tray] in the [Source] panel.

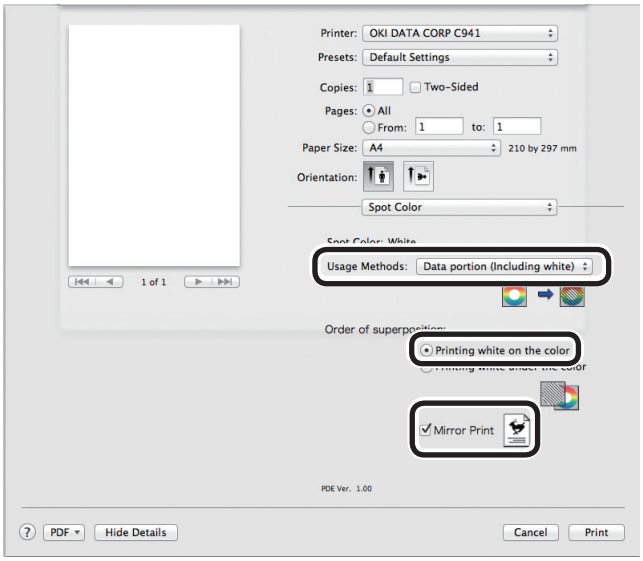
6 Click the [Feed] tab in the [Print Options] panel, and select [Transparency] in [Media Type].



7 Select [Data portion (Including white)] in [Usage Methods] in the [Spot Color] panel.

8 Select [Printing white on the color] in [Order of superposition] in the [Spot Color] panel.

9 For reverse printing, enable [Mirror Print].



10 Click [Print] to print.

Printing by using applications to specify Spot Color toner (PS printer drivers only)

Using Illustrator

This explanation uses Illustrator CS6 as an example.

■ Adding Swatches

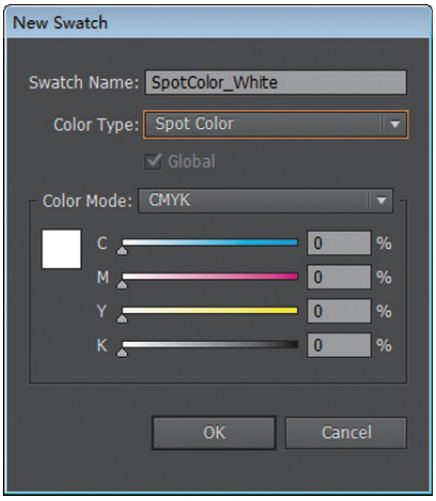
If using Spot Color (white or clear), specify the swatches added for the objects to be Spot Color printed.

1 Open the swatch panel, and select new swatch.

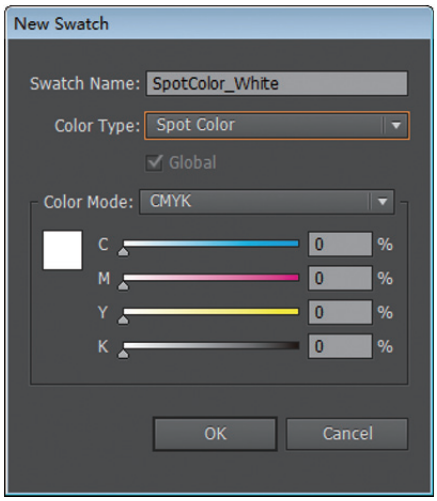
2 Enter the name in [Swatch Name] as shown below.

For white toner: SpotColor_White

For clear toner: SpotColor_Clear



3 Select [Spot Color] in [Color Type].

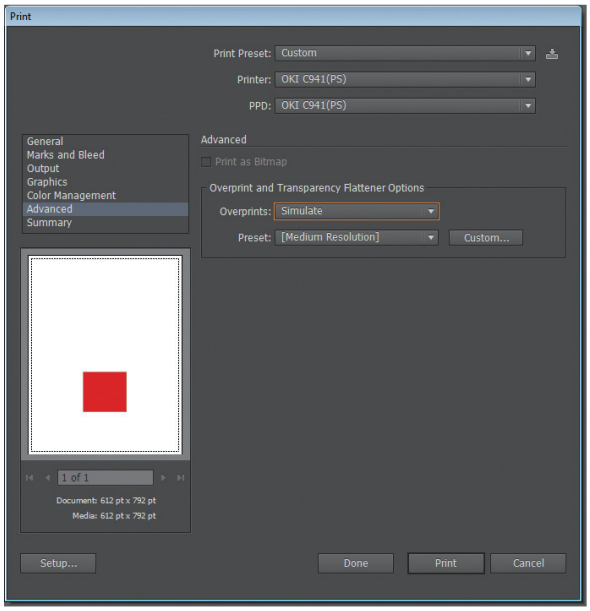


■ Printing

If printing Spot Color, make the settings using the application print dialog box.

1 Click [Advanced] from the menu on the left of the print dialog box.

2 Select [Simulate] in [Overprints].



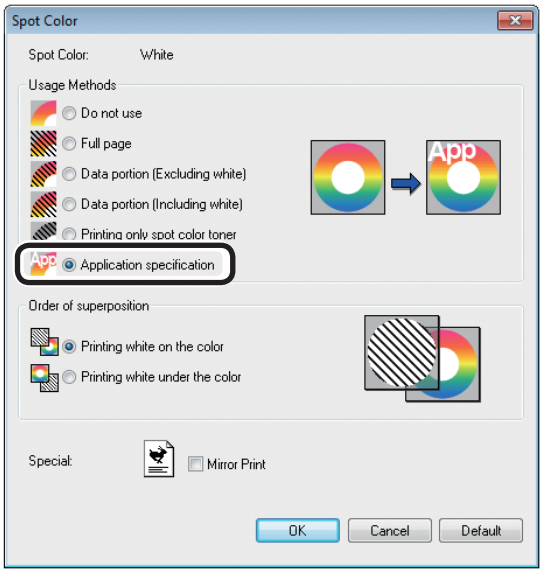
3 Click [Print].

❑ Using Windows

(1) Select Windows PS printer drivers, and click [Advanced] (or [Properties]).

(2) Click [Spot Color] in the [Color] tab.

(3) Select [Application specification] in [Usage Methods], and click [OK].

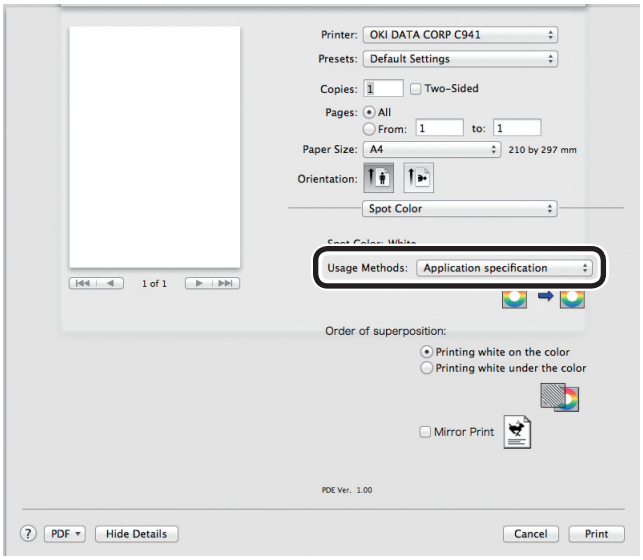


(4) Implement printing.

❑ Using Macintosh

(1) Select the [Spot Color] panel.

(2) Select [Application specification] in [Usage Methods], and click [Print].



(3) Implement printing.

Using Photoshop

This explanation uses Photoshop CS6 as an example.

■ Adding Spot Color Channels

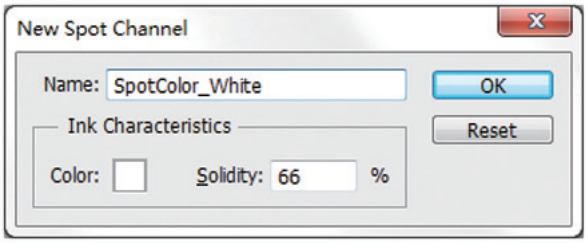
If using Spot Color (white or clear), specify the Spot Color channels added for the objects to be Spot Color printed.

1 Open the channel panel, and select a new Spot Color channel.

2 Enter the name in [Name] as shown below.

For white: SpotColor_White

For clear: SpotColor_Clear



■ Saving in PDF Format

Spot Color printing directly from Photoshop is not possible, so initially save the file in PDF format.

■ Printing

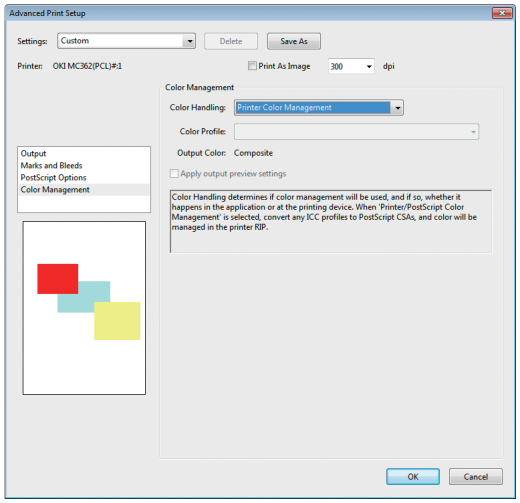
1 Open the file that has been saved in PDF format using Acrobat or Adobe Reader.

2 Select [File]-[Print] to open the print dialog box.

3 Click [Advanced].

4 Select [Color] from the menu on the left of the print dialog box, and select [Simulate overprint]. (If using Adobe Reader, click [Advanced], and then select [Simulate overprint].)

5 Click [OK] to return to the print dialog box.

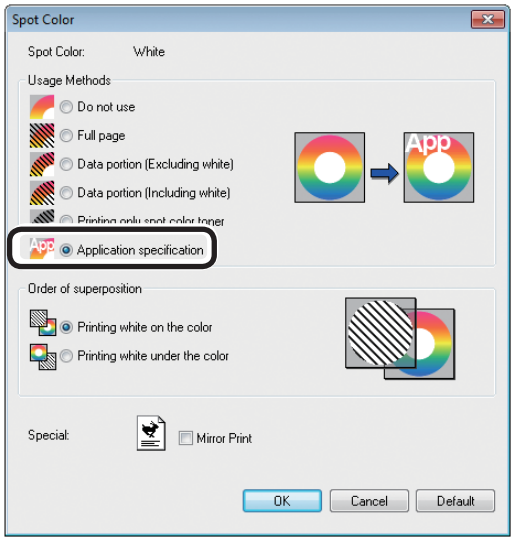


❑ Using Windows

1 Select Windows PS printer drivers, and click [Advanced] (or [Properties]).

2 Click [Spot Color] in the [Color] tab.

3 Select [Application specification] in [Usage Methods].

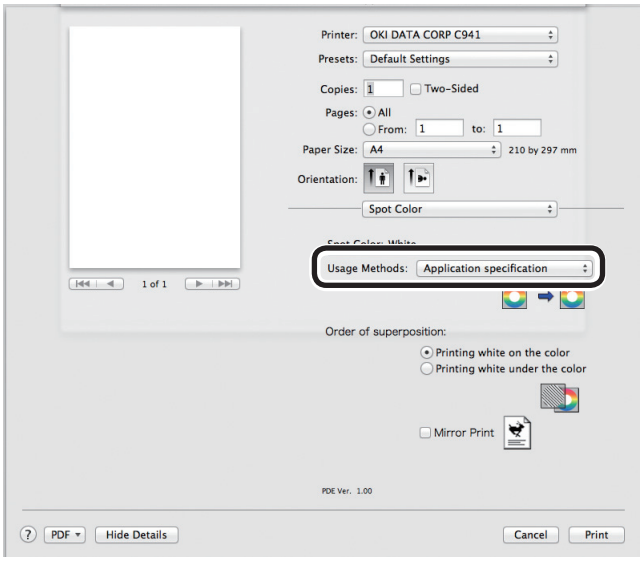


4 Implement printing.

❑ Using Macintosh

1 Select the [Spot Color] panel.

2 Select [Application specification] in [Usage Methods].



3 Implement printing.

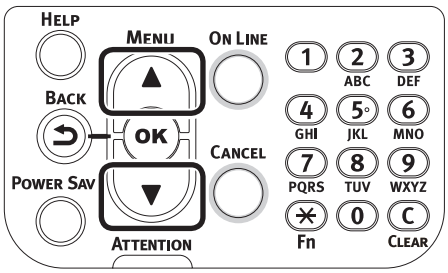
Fine-tuning white watermarks

Fine-tune the white using the printer control panel.

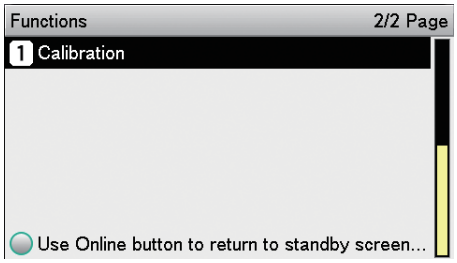
Memo

- Displayed when using white toner.

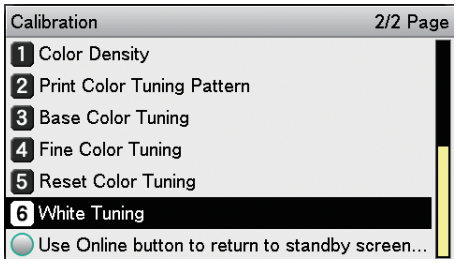
1 Press the scroll button ▲ or ▼.



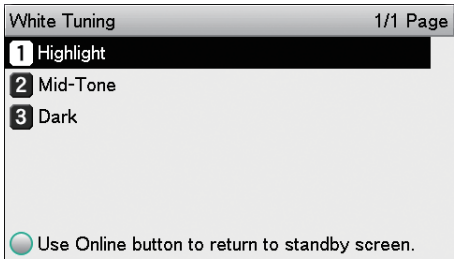
2 Select [Calibration], and press the [OK] button.



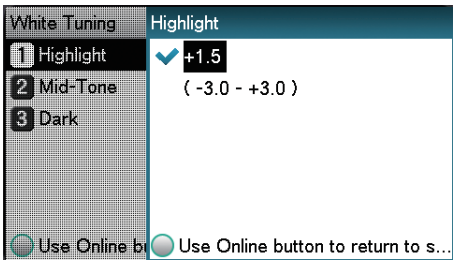
3 Select [White Tuning], and press the [OK] button.


Calibration 2/2 Page
1 Color Density
2 Print Color Tuning Pattern
3 Base Color Tuning
4 Fine Color Tuning
5 Reset Color Tuning
6 White Tuning
Use Online button to return to standby screen...

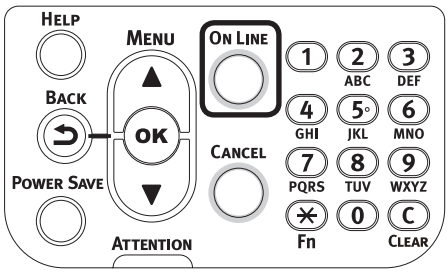
4 Select [Highlight], and press the [OK] button.

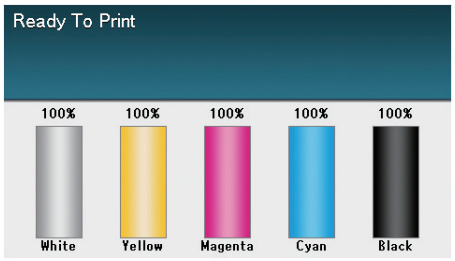


5 Specify the white highlight value, and press the [OK] button. Check that ✔ is displayed to the left of the specified value.



6 Press the [ON LINE] button to return to the standby screen.

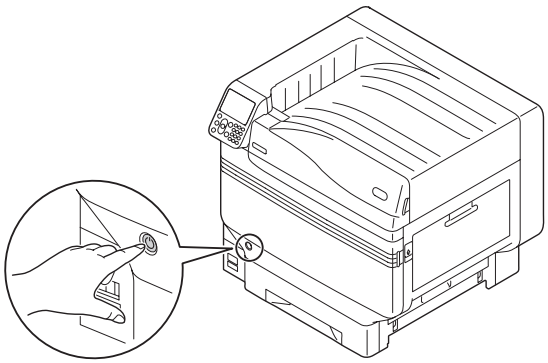




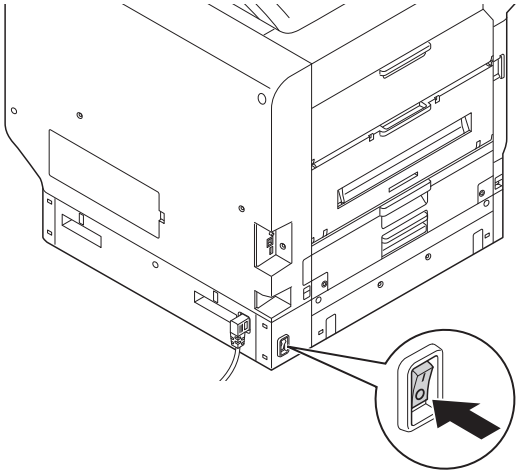
Replacing Spot Color kits

This section explains the procedure for replacing Spot Color white kits and Spot Color clear kits. This section explains the procedure for replacing Spot Color clear kits from Spot Color white kits.

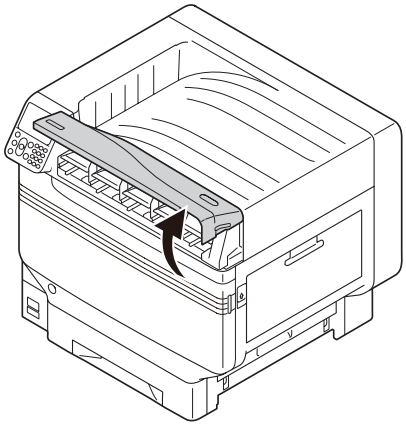
1 Press and hold the power switch for approx. 1s.



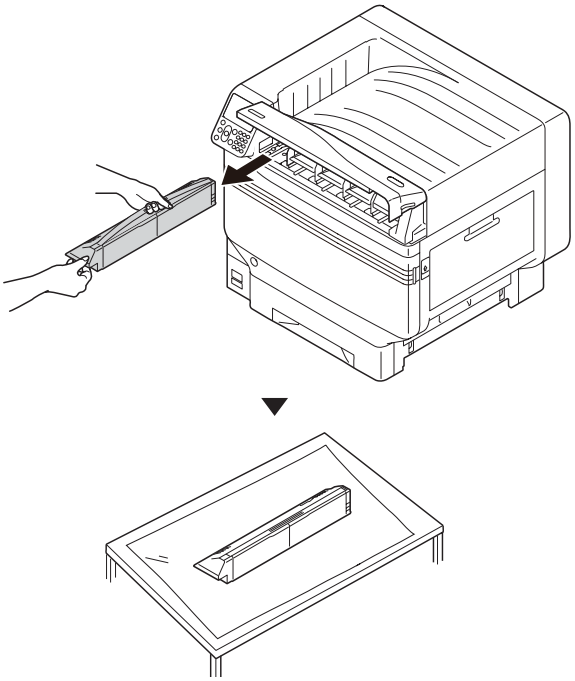
2 Turn the main power supply switch to the OFF (O) position to turn OFF the power supply.



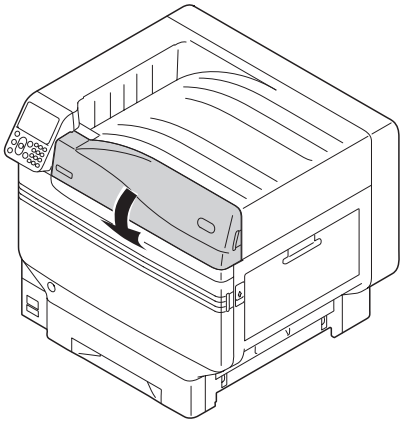
3 Open the toner replacement cover.



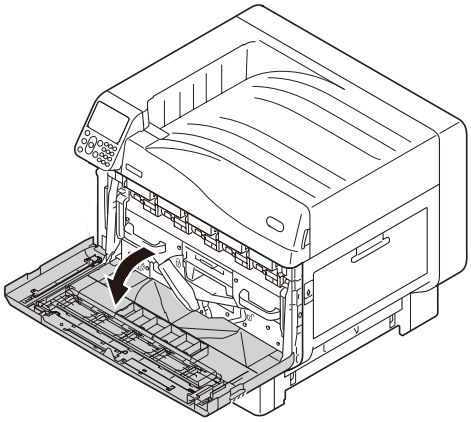
4 Remove the white toner.



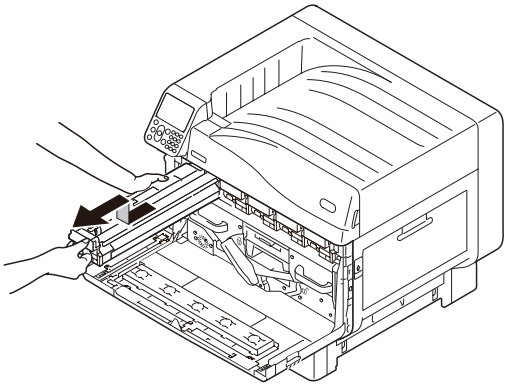
5 Close the toner replacement cover.



6 Open the front cover.

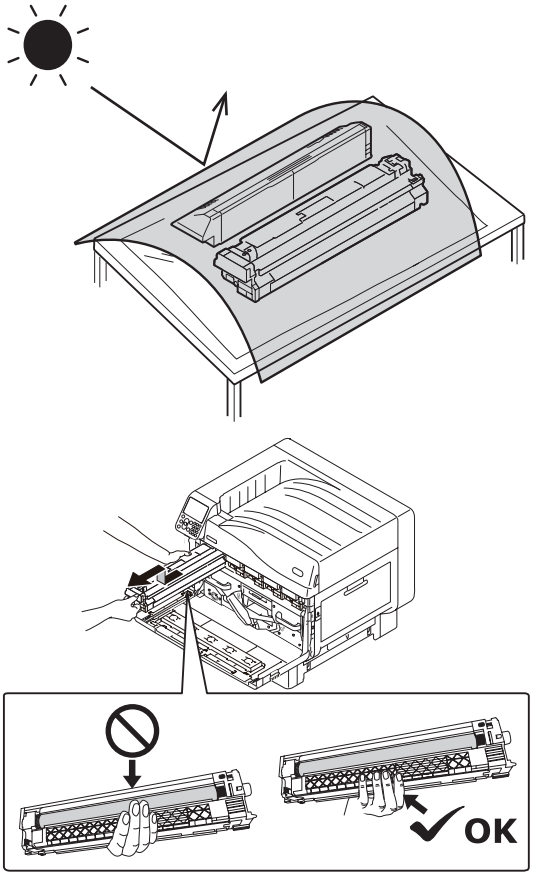


7 Gently lift up the (blue) handle, and remove the image drum while taking care not to touch the bottom of the drum (i.e., the green cylinder) with your hands.

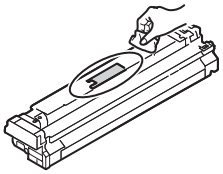


Note

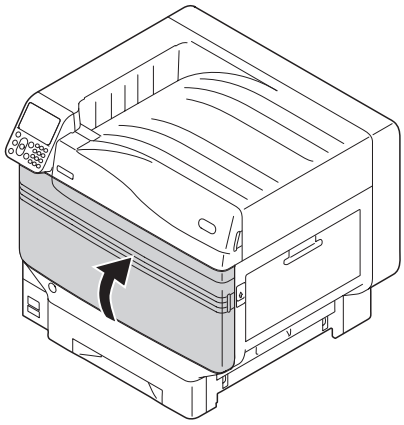
- To prevent photodegredation of the image drum, do not leave in direct sunlight or fluorescent light.



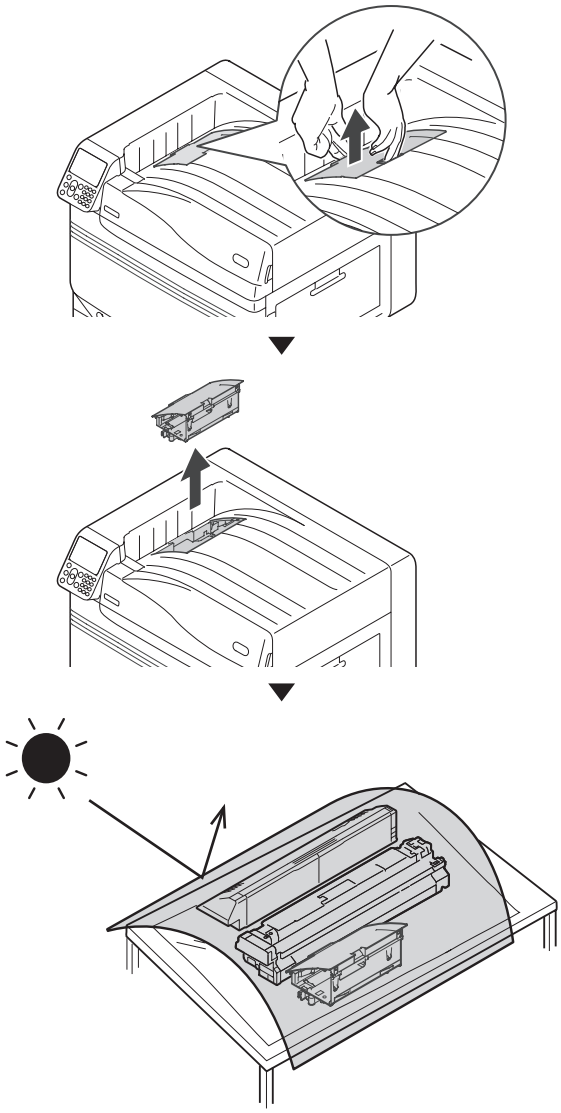
- Ensure not to touch or damage the drum.
- If the toner feed area for the spot color image drum needs cleaning, wipe it off with a tissue. (Check that no toner spills onto the drum.)



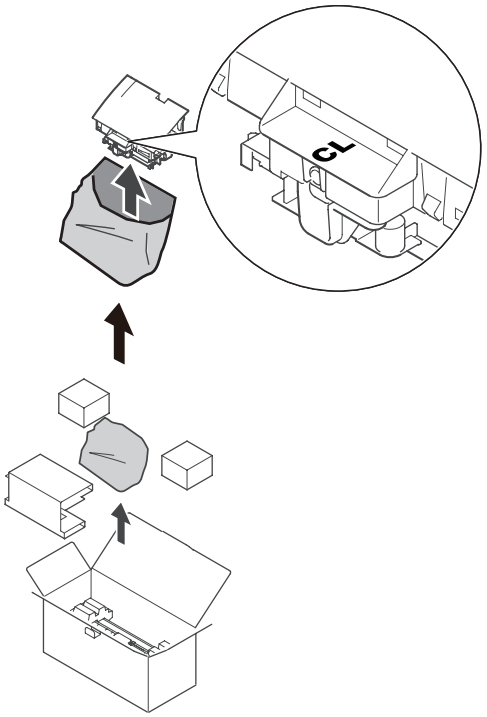
8 Close the front cover.



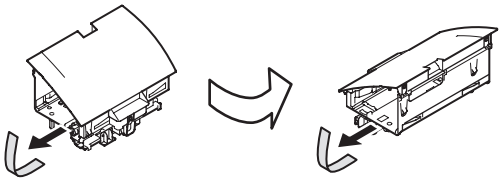
9 Lift up and remove the white duct.



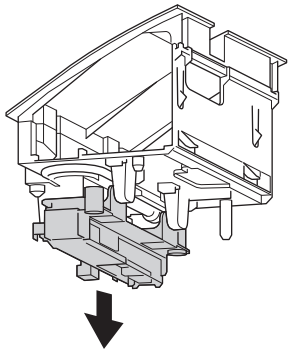
10 Remove the duct for the Spot Color clear kit to be mounted from its box.



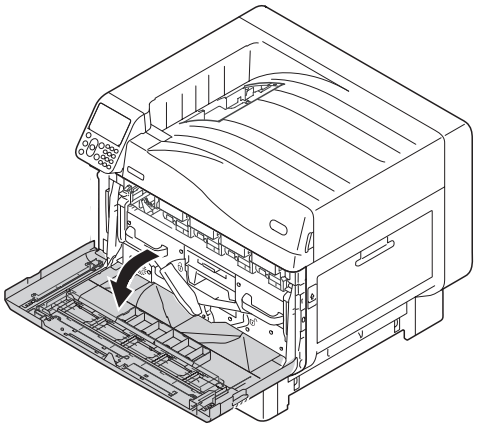
11 Remove the duct protective tape (x2 locations).



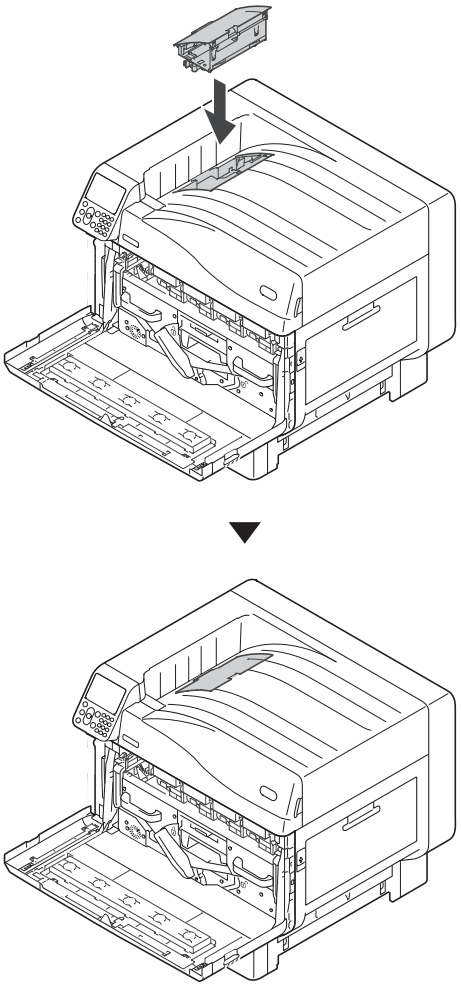
12 Pull out the bottom of the clear duct.



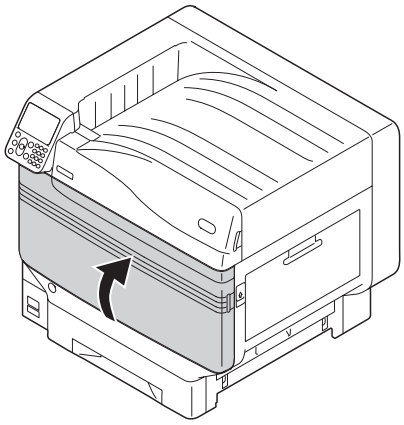
13 Open the front cover.



14 Mount the clear duct to the printer.



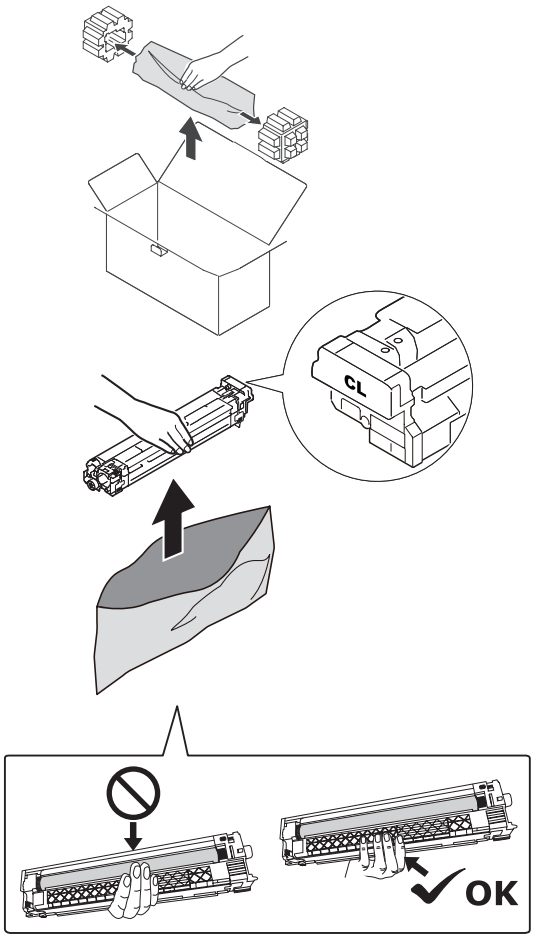
15 Close the front cover.



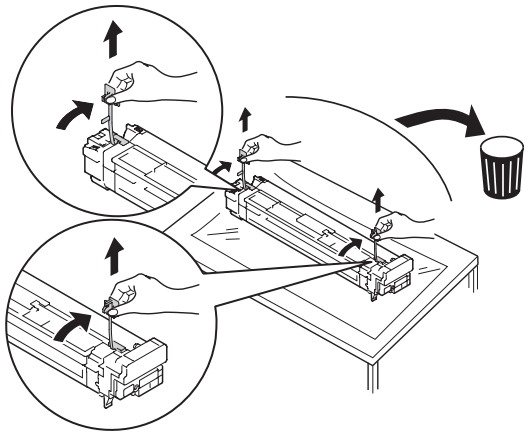
16 Remove the clear drum to be mounted from its bag.

! Note

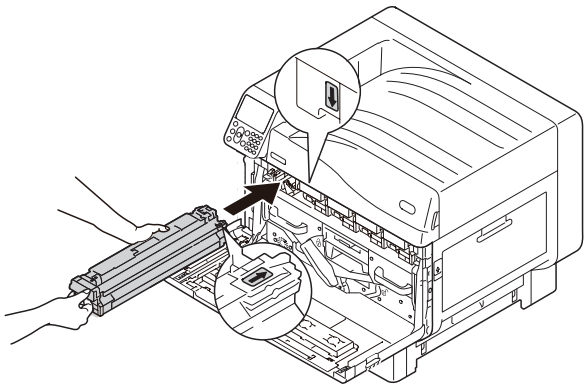
- Be careful not to touch or damage the image drum.



17 Remove the stopper (orange).

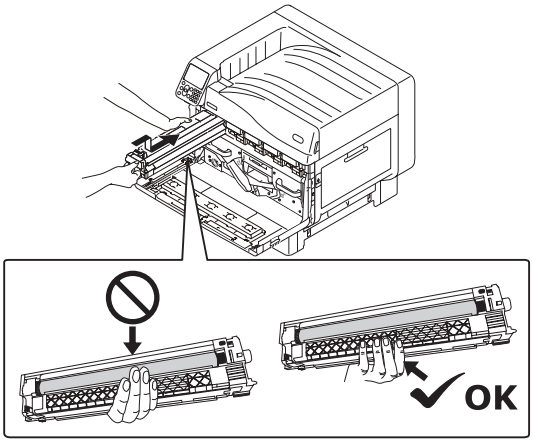


18 Align the (red) arrows on the image drum and printer, and insert gently into the slot while taking care not to touch the (green) light sensor on the underside with your hands, and then push in firmly as far as it will go.

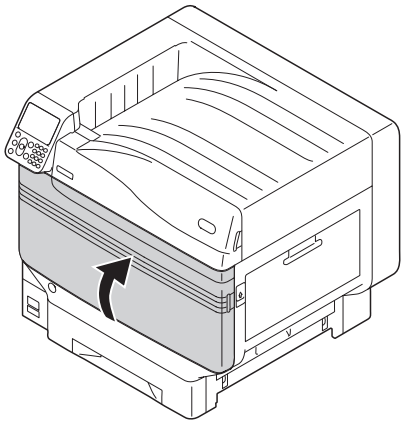


! Note

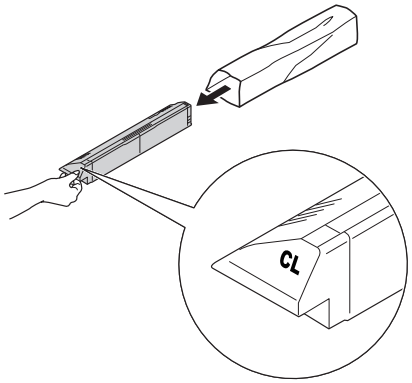
- Be careful not to touch or damage the image drum.



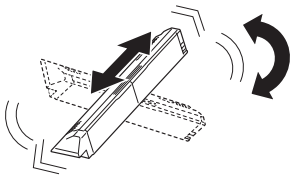
19 Close the front cover.



20 Remove the clear toner to be mounted from its bag.



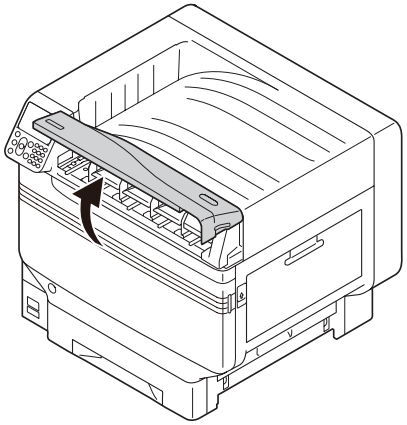
21 Shake the toner cartridge up and down, and side to side.



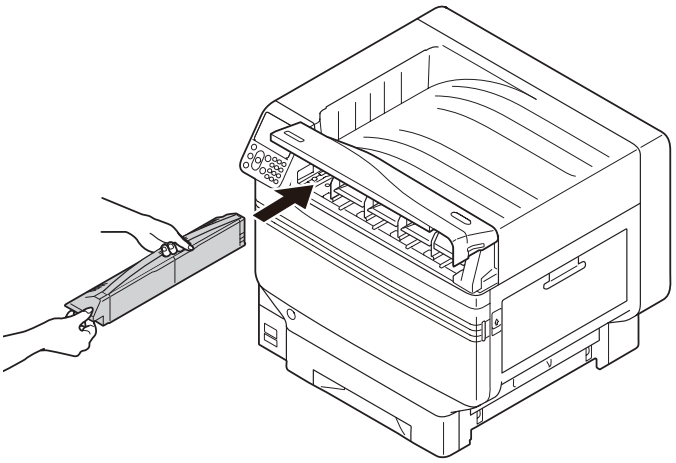
Note

- Do not drop the toner cartridge or tap it against the floor. Doing so may damage the cartridge.

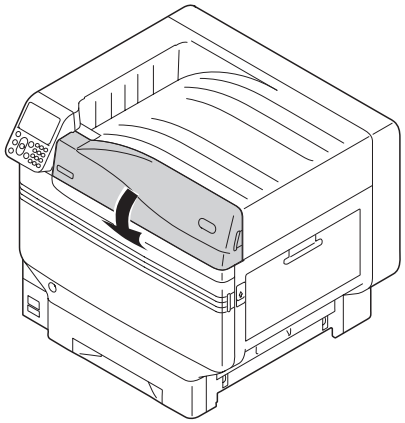
22 Open the toner replacement cover.



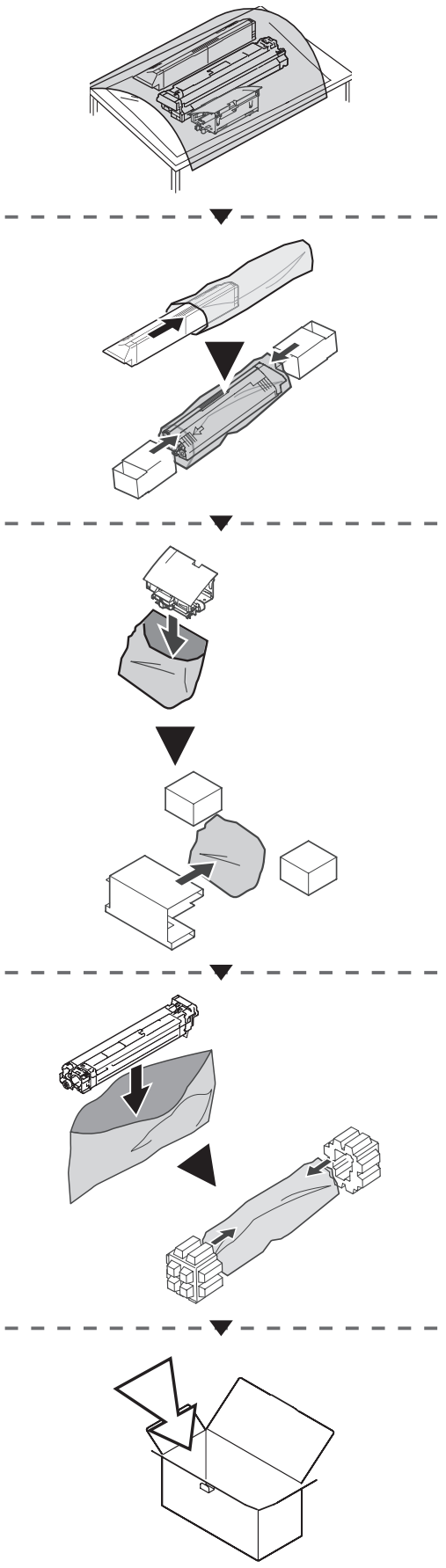
23 Check the position of the slot, and firmly push in the clear toner as far as it will go.



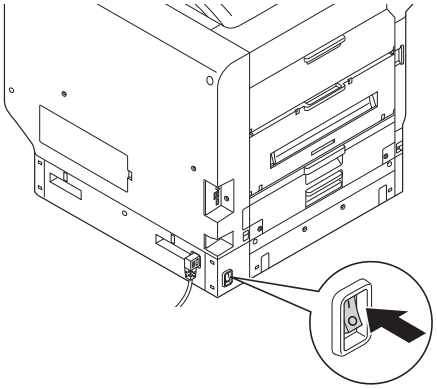
24 Close the toner replacement cover.



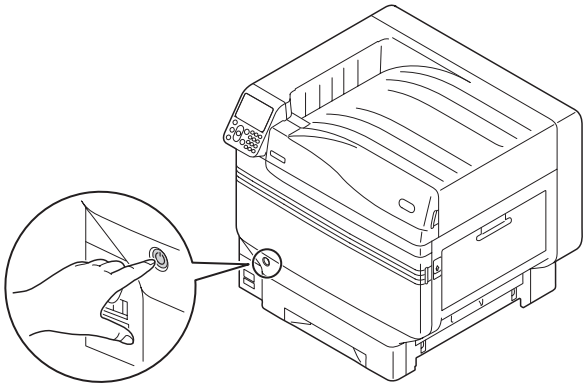
25 Place the removed white toner, white duct, and white image drum in the bag before placing the bag in the box for storage.



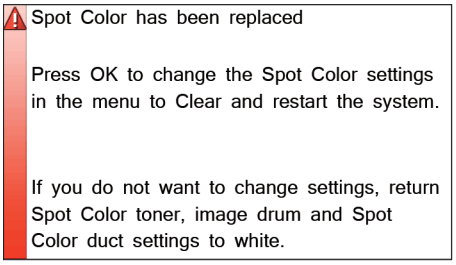
26 Turn ON (I) the main power switch.



27 Press and hold the power switch for approx. 1s.



28 Press the [OK] button.


Spot Color has been replaced
Press OK to change the Spot Color settings in the menu to Clear and restart the system.
If you do not want to change settings, return Spot Color toner, image drum and Spot Color duct settings to white.

Memo

- Check that the spot color kit has been replaced by running the test print. For how to conduct a test print, see "Test Printing Using the Printer Only" in the User's Manual (Basic).

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